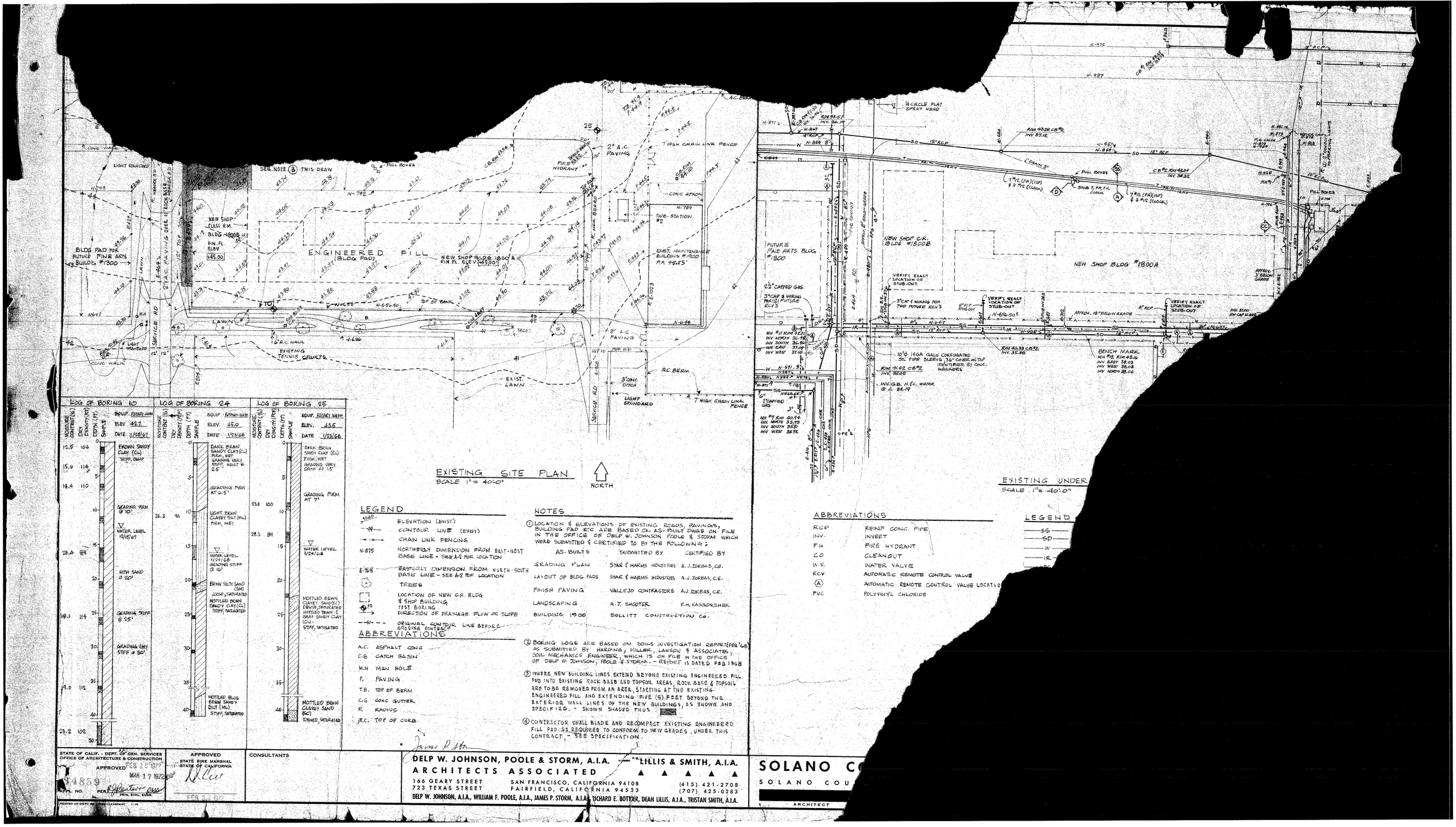

LOG OF BORING 10

EQUIP. ROTARY WASH
ELEV. 42.7
DATE 11/28/67

MOISTURE CONTENT (%)	DRY DENSITY (pcf)	DEPTH (FT)	SAMPLE	
12.5	104	0		BROWN SANDY CLAY (CL) STIFF, DAMP
15.0	114	5		
16.4	110			GRADING FIRM @ 10'
		10		
26.4	91			WATER LEVEL 11/6/67
		15		WITH SAND @ 20'
		20		
19.1	114	25		GRADING STIFF @ 25'
		30		GRADING VERY STIFF @ 30'
		35		
19.0	112			
		40		
23.2	102	50		

LOG OF BORING 24

EQUIP. ROTARY WASH
ELEV. 45.0
DATE 1/23/68

MOISTURE CONTENT (%)	DRY DENSITY (pcf)	DEPTH (FT)	SAMPLE	
		0		DARK BRWN SANDY CLAY (CL) FIRM, WET GRADING VERY STIFF, MOIST @ 2.5'
		5		GRADING FIRM AT 6.5'
26.3	96	10		LIGHT BROWN CLAYEY SILT (ML) FIRM, WET
		15		WATER LEVEL 1/24/68 GRADING STIFF @ 16'
		20		BROWN SILTY SAND (SM) LOOSE, SATURATED
		25		MOTTLED BROWN SANDY CLAY (CL) STIFF, SATURATED
		30		
		35		
		40		MOTTLED BLUE BRWN SANDY SILT (ML) STIFF, SATURATED

LOG OF BORING 25

EQUIP. ROTARY WASH
ELEV. 43.5
DATE 1/23/68

MOISTURE CONTENT (%)	DRY DENSITY (pcf)	DEPTH (FT)	SAMPLE	
		0		DARK BROWN SANDY CLAY (CL) FIRM, WET GRADING VERY STIFF AT 1.5'
		5		GRADING FIRM AT 7'
23.8	100	10		
28.3	91	15		WATER LEVEL 1/24/68
		20		
		25		MOTTLED BROWN CLAYEY SAND (SC) DENSE, SATURATED MOTTLED BRWN & GRAY SANDY CLAY (CL) STIFF, SATURATED
		30		
		35		
		40		MOTTLED BROWN CLAYEY SAND (SC) DENSE, SATURATED

EXISTING SITE PLAN

SCALE 1" = 40'-0"

NORTH

LEGEND

- 1048 — ELEVATION (EXIST)
- —49— CONTOUR LINE (EXIST)
- —×—×— CHAIN LINK FENCING
- N-875 NORTHERLY DIMENSION FROM EAST-WEST BASE LINE - SEE A-2 FOR LOCATION
- E-968 EASTERLY DIMENSION FROM NORTH-SOUTH BASE LINE - SEE A-2 FOR LOCATION
- TREES
- LOCATION OF NEW C.R. BLDG & SHOP BUILDING
- TEST BORING
- DIRECTION OF DRAINAGE FLOW OR SLOPE
- —40— — ORIGINAL CONTOUR LINE BEFORE GRADING CONTRACT

ABBREVIATIONS

- A.C. ASPHALT CONC
- C.B CATCH BASIN
- M.H MAN HOLE
- P. PAVING
- T.B. TOP OF BERM
- C.G. CONC GUTTER
- R RADIUS
- T.C. TOP OF CURB

NOTES

1. LOCATION & ELEVATIONS OF EXISTING ROADS, PAVINGS, BUILDING PAD ETC ARE BASED ON AS-BUILT DWGS ON FILE IN THE OFFICE OF DELP W. JOHNSON POOLE & STORM WHICH WERE SUBMITTED & CERTIFIED TO BY THE FOLLOWING:

AS-BUILTS	SUBMITTED BY	CERTIFIED BY
GRADING PLAN	SYAR & HARMS INDUSTRIES	A.J. ZORBAS, C.E.
LAYOUT OF BLDG PADS	SYAR & HARMS INDUSTRIES	A.J. ZORBAS, C.E.
FINISH PAVING	VALLEJO CONTRACTORS	A.J. ZORBAS, C.E.
LANDSCAPING	A.J. SHOOTER	R.H. KASSORSHER
BUILDING 1900	SOLLITT CONSTRUCTION CO.	

2. BORING LOGS ARE BASED ON SOILS INVESTIGATION REPORT (FEB '68) AS SUBMITTED BY HARDING, MILLER, LAWSON & ASSOCIATES, SOIL MECHANICS ENGINEER, WHICH IS ON FILE IN THE OFFICE OF DELP W. JOHNSON, POOLE & STORM. - REPORT IS DATED FEB 1968

3. WHERE NEW BUILDING LINES EXTEND BEYOND EXISTING ENGINEERED FILL PAD INTO EXISTING ROCK BASE AND TOPSOIL AREAS, ROCK BASE & TOPSOIL ARE TO BE REMOVED FROM AN AREA, STARTING AT THE EXISTING ENGINEERED FILL AND EXTENDING FIVE (5) FEET BEYOND THE EXTERIOR WALL LINES OF THE NEW BUILDINGS, AS SHOWN AND SPECIFIED. - SHOWN SHADED THUS

4. CONTRACTOR SHALL BLADE AND RECOMPACT EXISTING ENGINEERED FILL PAD AS REQUIRED TO CONFORM TO NEW GRADES, UNDER THIS CONTRACT. - SEE SPECIFICATION.

ABBREVIATIONS

- RCP REINF CONC. PIPE
- INV. INVERT
- FH FIRE HYDRANT
- CO CLEANOUT
- W.V. WATER VALVE
- RCV AUTOMATIC REMOTE CONTROL VALVE
- (A) AUTOMATIC REMOTE CONTROL VALVE LOCATIO
- PVC POLYVINYL CHLORIDE

LEGEND

- SS
- SD
- W
- IR

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 26 1968
MAR 17 1972
34859
APPL. NO.
PER
PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 26 1968

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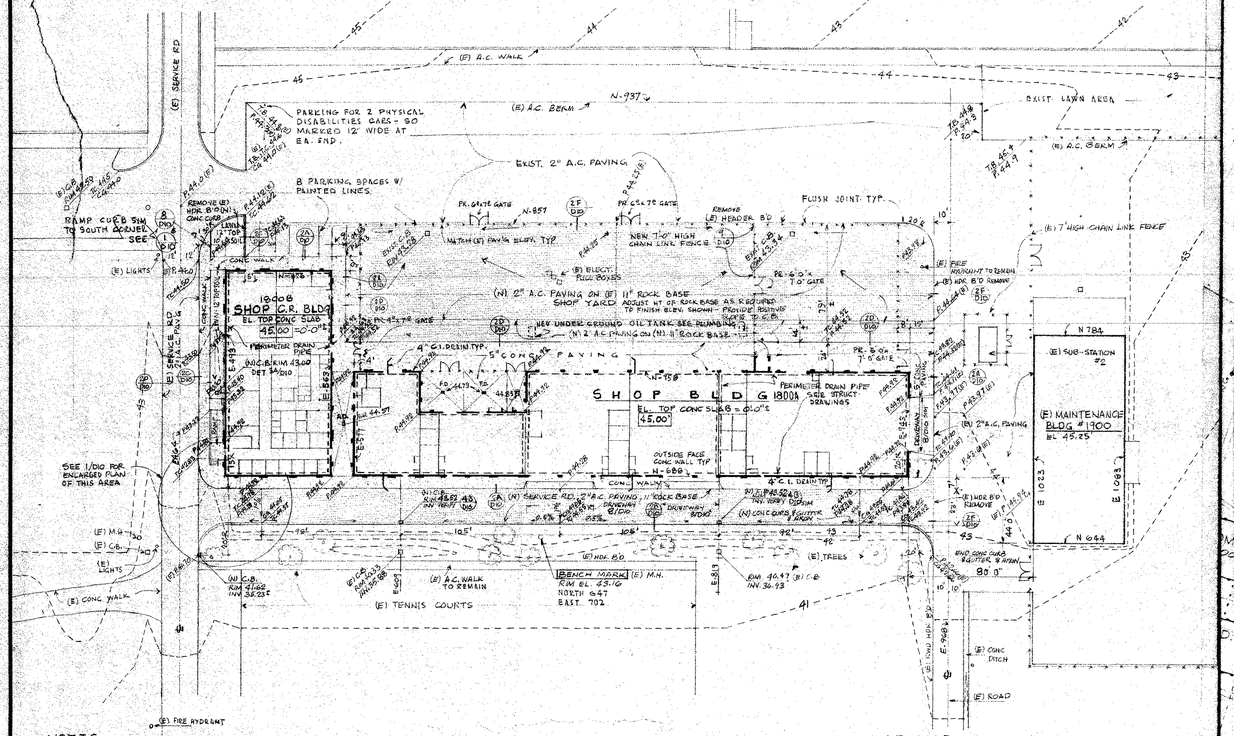
SOLANO C
SOLANO COU
ARCHITECT



NOTES

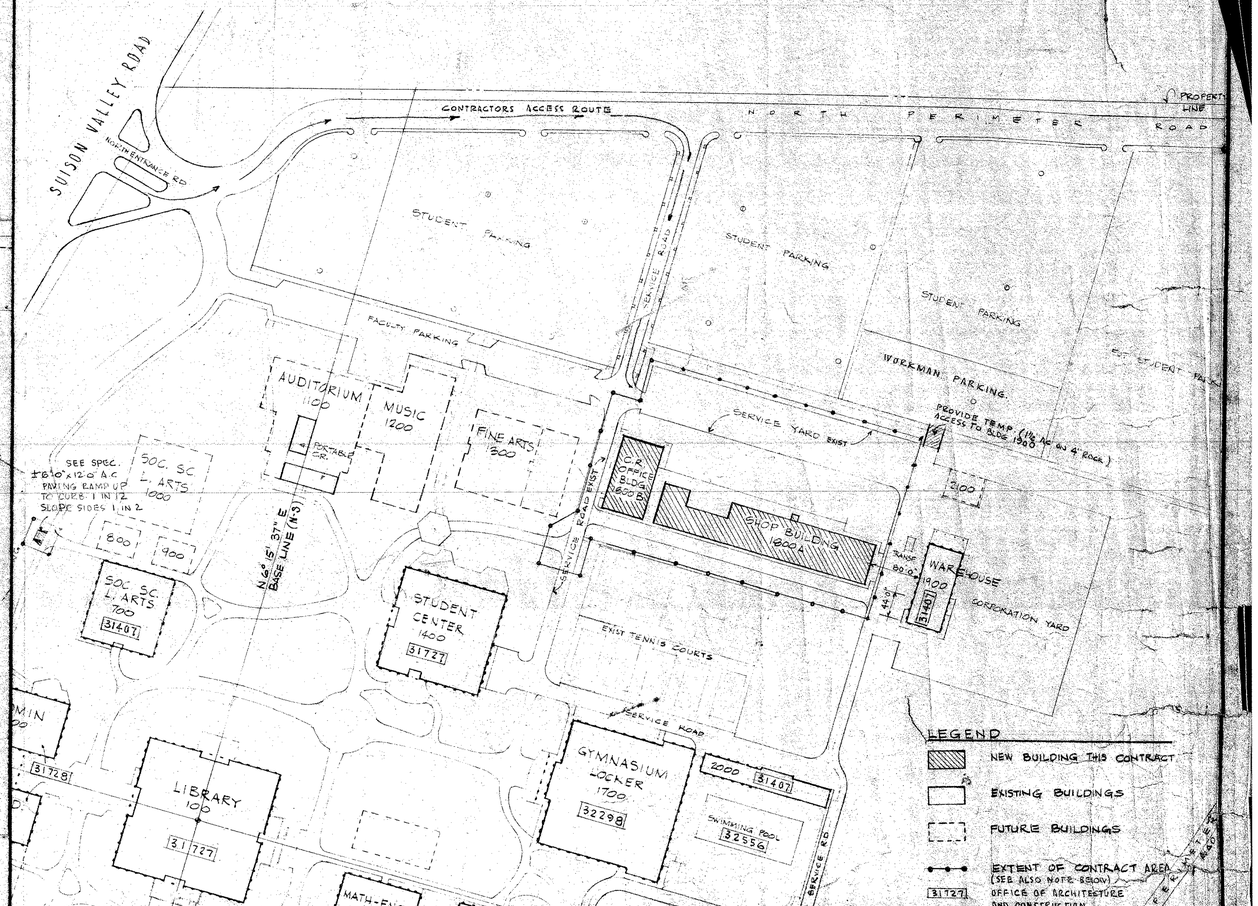
1. SEE A-1 FOR EXISTING SITE CONDITIONS & FOR SITE PREPARATION
2. SEE 1/8" FLOOR PLANS A-3 & A-4 FOR MARK-OFF LINES & EXP. JTS IN CONC WALK & PAVING - PAVING & CONC WALK TO BE TYP. 15' FINISH THRU OUT
3. RELOCATE SPRINKLER HEADS AS REQUIRED ALONG SOUTH SIDE OF NEW SERVICE ROAD - SOUTH OF BLDGS 1800. SEE ALSO DETAIL 1/D10

LEGEND

- CONC. PAVING & WALKS (N) — C.G. CONC GUTTER
- ASPHALT CONC PAVING (N)
- 40 EXISTING CONTOUR LINE
- 40 NEW CONTOUR LINE
- CHAIN LINK FENCE
- C.B. CATCH BASIN
- TC TOP CURB
- P PAVING
- (E) EXISTING
- (N) NEW
- N-688 NORTHERLY DIMENSION FROM BASE LINE (E-W) SEE BLDG LOCATION PLAN - A2
- E-943 EASTERLY DIMENSION FROM BASE LINE (N-S) SEE BLDG LOCATION PLAN A2
- 145.00 EXISTING FINISH ELEVATION
- 145.00 NEW FINISH ELEVATION.
- EXIST. TREES - TO REMAIN

NORTH

SITE DEVELOPMENT PLAN
SCALE 1"=40'-0"



LEGEND

- NEW BUILDING THIS CONTRACT
- EXISTING BUILDINGS
- FUTURE BUILDINGS
- EXTENT OF CONTRACT AREA (SEE ALSO NOTE BELOW)
- 31727 OFFICE OF ARCHITECTURE AND CONSTRUCTION APPLICATION NO.

NOTE

OFFICE OF ARCHITECTURE & CONSTRUCTION APPROVAL DOES NOT INCLUDE FUTURE CONSTRUCTION.

SEE ALSO DRAW. E-6 FOR INNER CAMPUS LIGHTING PART OF THIS CONTRACT (ALT. BID NO 1)

BUILDING LOCATION PLAN
SCALE 1"=100'

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED SEP 28 1972
84859
APPL. NO. PER [redacted] PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
[redacted]
SEP 28 1972

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT [redacted] OWNER [redacted] CONTRACTOR [redacted]

VOCATIONAL BUILDINGS 1800 A & B
SITE DEVELOPMENT PLAN
BUILDING LOCATION PLAN

DATE JAN 7
DRAWN
DWG. NO. A
JOB NO. 67-1

PRINTED ON DIEPO NO. 1000N CLEARPRINT 1:10

CLASS RM. BLDG. 1800 B

SHOP BLDG. 1800A

NOTE: COL. SPACING SIM. TO SOUTH SIDE

NOTE COL SPACING SIM TO WEST SIDE

CHAIN LINK FENCE SEE A-2

MARK-OFF LINES

CONC. WALK

DRAFTING 1846 B

SEE DETAILS ON DRAW A-18

MATERIALS LAB. 1847 B

SEE DETAILS ON DRAW A-18

WORK RM. 1848 B

STOR. RM 1849 B

TESTING 1850 B

LAWN AREA W/ 12" TOP SOIL

DRAFTING STOR. 1845 B

CLASS ROOM 1844 B

SEE DETAILS ON DRAW A-19

CLASS ROOM 1843 B

SEE DETAILS ON DRAW A-17

CORRIDOR 1803 B

STUDIO 1842 B

CORRIDOR 1801 B

LOBBY 1800 B

SEE DETAILS ON DRAW A-19

LOCKERS 1808 B

WOMEN 1807 B

MEN 1806 B

RECEPTN. 1804 B

DIRECTOR 1805 B

OFFICE 1809 B

OFFICE 1810 B

OFFICE 1811 B

OFFICE 1812 B

OFFICE 1813 B

OFFICE 1814 B

OFFICE 1815 B

OFFICE 1816 B

OFFICE 1817 B

MECH 1818 B

MECH 1800A

TOOL RM 1803A

DUST 1802A

MACHINE SHOP 1801A

SEE DETAILS ON DRAW A-11

STORAGE 1804A

TOOL RM 1809A

LOCKER RM.

VEST. 1804A

VEST. 1805A

WELDING LAB. 1807A

SEE DETAILS ON DRAW A-12

MEZZANINE ABOVE

SHOP YARD

CONC. PAVING TYP 'B' FINISH

MARK OFF LINES TYP

OUTSIDE FACE OF CONC. PANEL TYP

PE 60'x7'0 GATE

7'0 CHAIN LINK FENCE

PE 70'x7'0 GATE

SAND & GREASE TRAP SEE PLUMBING DRAWN

TANK ENCLOSURE SEE

10'0" OPENING

12'0" OPENING

10'0"x12'0" DO.

FOLDING GATE

SCREEN WALL TYP

MATCH LINE SEE A-4

NOTE SEE DRAWING A-4 FOR CONT. OF PLAN

SEE DETAIL FOR LOCATION OF 1" STEP OF CURB

EXIST SERVICE ROAD

70'-0"

366'-0" BLDG. DIM.

N

SCALE 1/8"=1'-0"

GENERAL NOTES FOR FLOOR PLANS

1. ALL DIMENSIONS SHOWN ARE TO CENTERLINE OF STUDS, CONC WALLS, DOOR OPGS, MULLION, COL, ETC UNLESS NOTED OTHERWISE. - SEE ALSO NO 11 BELOW
2. ALL STUDS ARE 2x6 @ 16"O.C. UNLESS NOTED OTHERWISE
3. ELEVATION AT TOP OF CONC SLAB FLOOR IS ELEV 100'-0" WHERE FLOORS ARE PITCHED TO DRAINS, ELEV 100'-0" IS AT HIGH POINTS OF FINISH FLOOR.
4. FOR LOCATION OF CONC CURBS SEE STRUCTURAL DWGS.
5. BASIC WALL FINISH SHALL BE INSTALLED FROM FLOOR TO CEILING AS SCHEDULED, INCLUDING ALL WALL AREAS.
6. GYPSUM WALL BOARD SHALL BE 5/8" THICK, 5/8" THICK WHERE ONE HOUR RATED WHERE CALLED FOR, OR (2) LAYS OF 1/2" GYP BOARD SEE FINISH SCHEDULE
7. ALL FIBER-BOARD & GYPSUM BOARD TO RUN CONTINUOUS BEHIND CABINETS ETC. W/ STAGGERED JTS. @ MIN LAYERS OF MATERIAL.
8. VINYL FABRIC, PLYWOOD & ASBESTOS WALL FINISH TO LAP 1" IN FROM FRONT, TOP, SIDES & ENDS OF CABS. TACK BOARD ETC.
9. ALL CONC WALLS SHALL BE FURRED WHERE SHOWN SEE DETAIL 6E/D6 - DEEPER FURRING FOR PLUMBING
10. FOR LEGEND OF MATERIALS & ABBREVIATIONS, ETC SEE DETAIL BOOK.
11. EXTERIOR BUILDING DIMENSIONS ARE TAKEN TO THE OUTSIDE FACE OF THE CONC. PANELS SEE 5/D2
12. MARK OFF LINES AND EXPAN. JOINTS LOCATED AS SHOWN (EJ) EXPAN. JOINTS APPROX 16'0 O.C. - AS SHOWN AND AT PERIMETER OF BUILDINGS.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED: MAR 17 1972
34859
APPL. NO.
PER: PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 25 1972

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SOLANO COUNTY JUNIOR COLLEGE

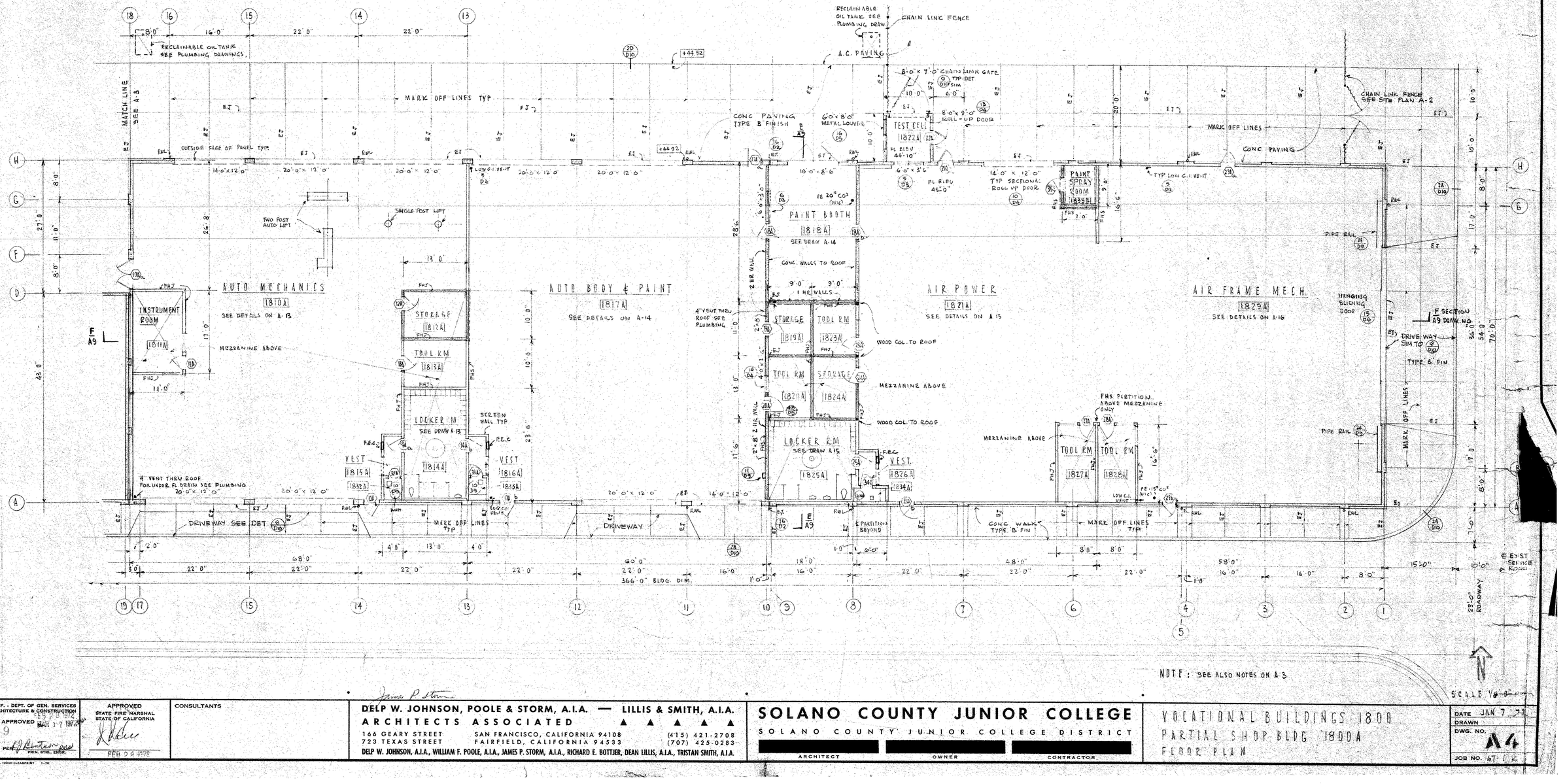
SOLANO COUNTY JUNIOR COLLEGE DISTRICT

ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800 BLDG. 1800 B & PARTIAL BLDG. 1800A FLOOR PLANS

DATE JAN 7
DRAWN
DWG. NO. A
JOB NO. 67

PRINTED ON DIEPO NO. 1000H CLEARPRINT 1-70



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OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED MAR 17 1972
34859
APPL. NO.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 24 1972

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SOLANO COUNTY JUNIOR COLLEGE

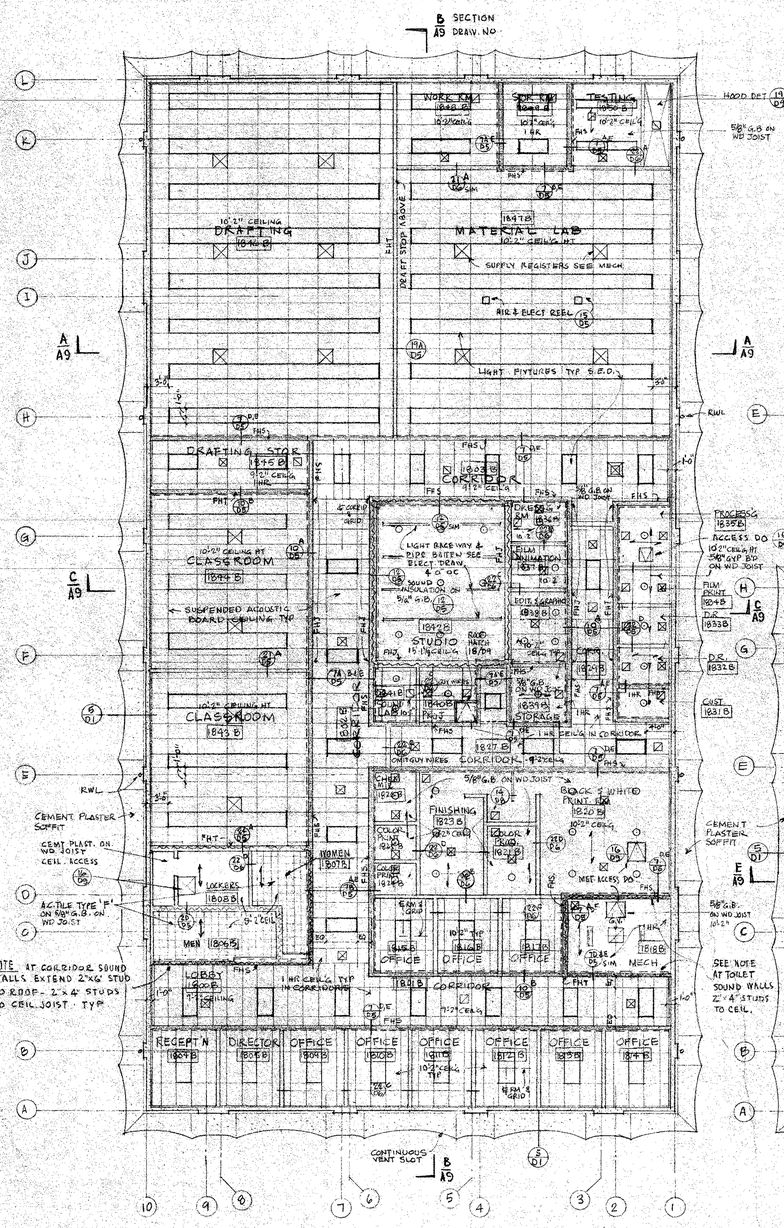
SOLANO COUNTY JUNIOR COLLEGE DISTRICT

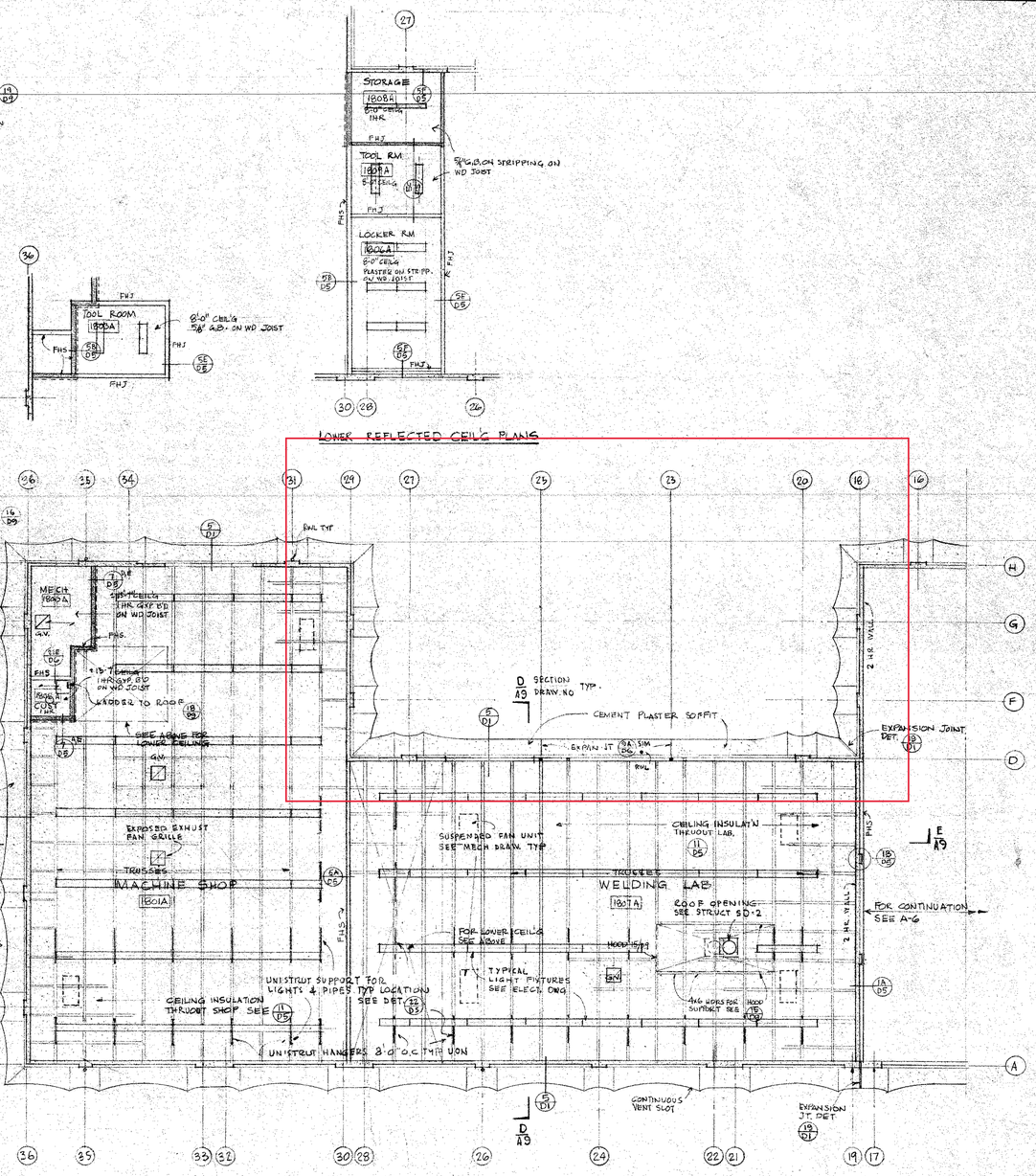
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BLDG 1800A
FLOOR PLAN

DATE JAN 7 72
DRAWN
DWG. NO. A4
JOB NO. 67-12

PRINTED ON DIEPO NO. 1000R CLEARPRINT 1-70





NOTES FOR REFLECTED CEILG PLANS

1. FOR LEGENDS SEE DETAILS - MATERIAL LEGEND ABBREVIATIONS.
2. SEE DETAIL 1/D6 FOR SUSPENDED ACOUSTIC BOARD CEILING. ACOUSTIC BOARD TO BE TYPE "A" FOR NON-RATED CEILING, TYPE 'B' FOR RATED CEILING.
3. WHERE LIGHT FIXTURE PENETRATES RATED CEILING SEE 20/D6 FOR RECESS LIGHTING PROTECTION.
4. CEILING ACCESS DOORS TO BE 1 HR. RATED WHERE RATED CEILING OCCURS.
5. GENERAL CONTRACTOR IS DIRECTED TO THE MECH. PLUMBING PLANS WHICH SHOWS ACCESS PANELS FURNISHED UNDER MECH. & PLUMBING WORK BUT INSTALLED BY CEILING CONTRACTOR.
6. SEE STRUCTURAL DWGS FOR SIZE, FRAMING, & CONNECTIONS. FOR CEILING JOIST INDICATED ←→ INDICATES DIRECTION OF JOIST. SEE JOIST SIZE CHART ON DRAW. SD-2

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
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STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 26 1971

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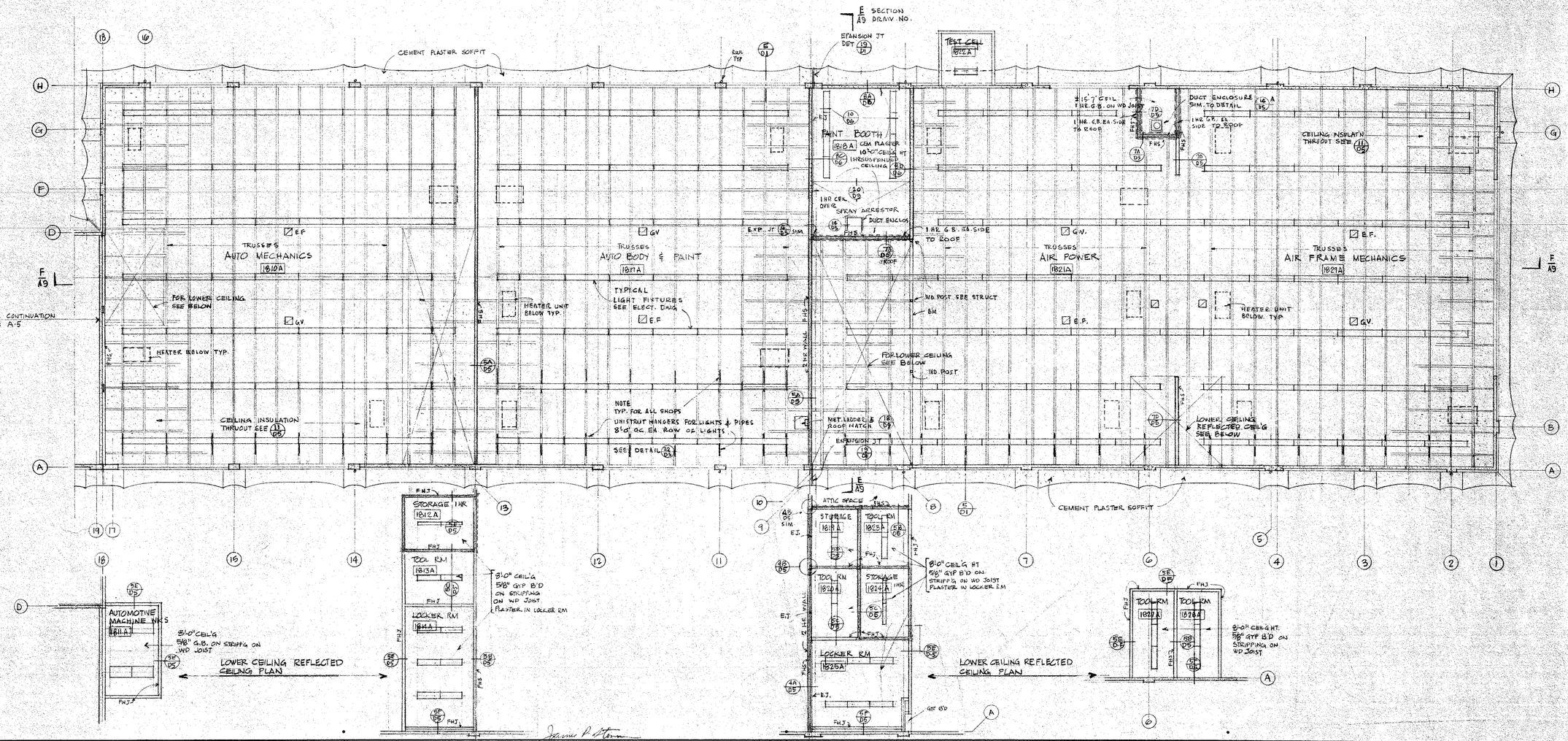
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800 A & B
SHOP & CLASSROOM - OFFICE BLDG
REFLECTED CEILING PLAN

DATE JAN 7 72
DRAWN
DWG. NO. A5
JOB NO. 67-1R



STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
MAR 17 1972
34859
APPL. NO.
PER
PRIN. STRL. ENGR.

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STATE OF CALIFORNIA
FEB 28 1972

CONSULTANTS

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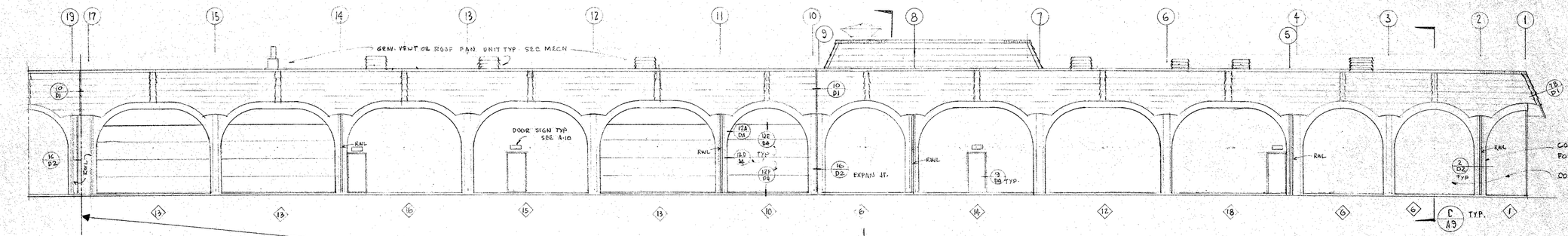
SOLANO COUNTY JUNIOR COLLEGE

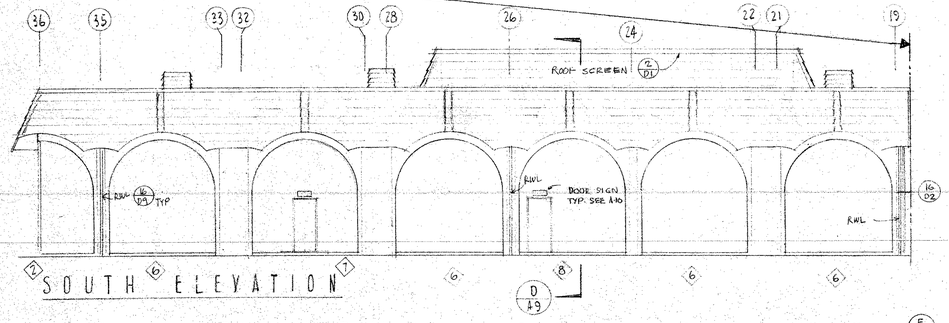
SOLANO COUNTY JUNIOR COLLEGE DISTRICT

[redacted] ARCHITECT | [redacted] OWNER | [redacted] CONTRACTOR

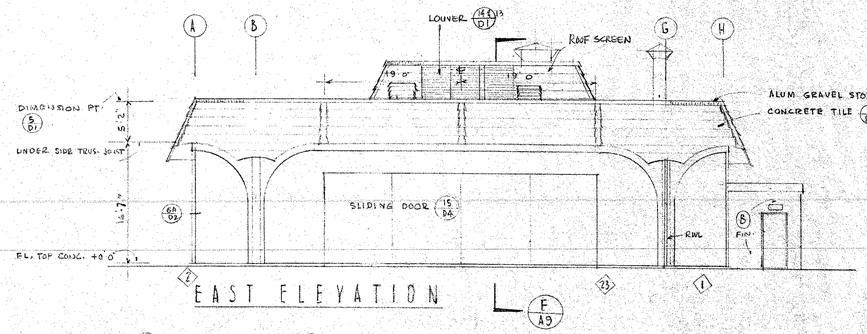
VOCATIONAL BUILDINGS 1800
SHOP BUILDING 1800 A
PARTIAL REFLECTED CEILING PLAN

DATE JAN 7 72
DRAWN
DWG. NO. A6
JOB NO. 67[illegible]

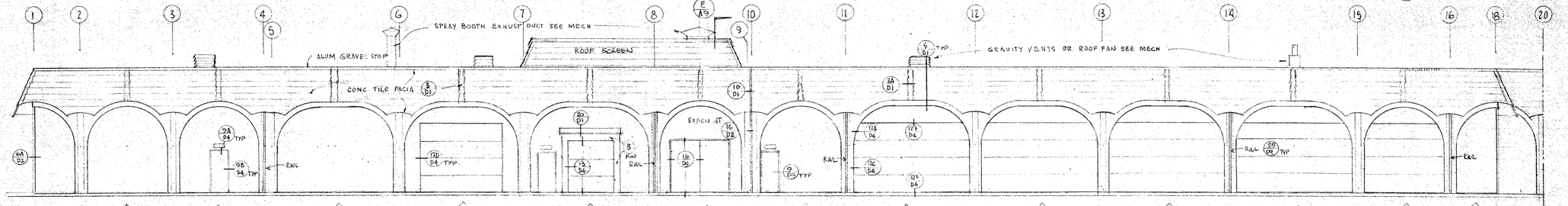


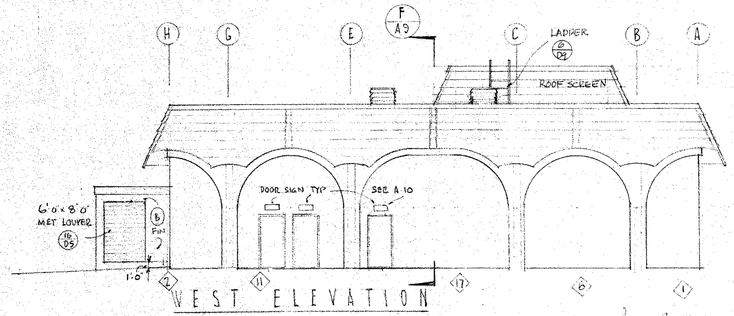


SOUTH ELEVATION

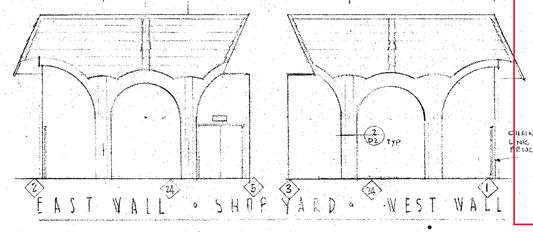


EAST ELEVATION

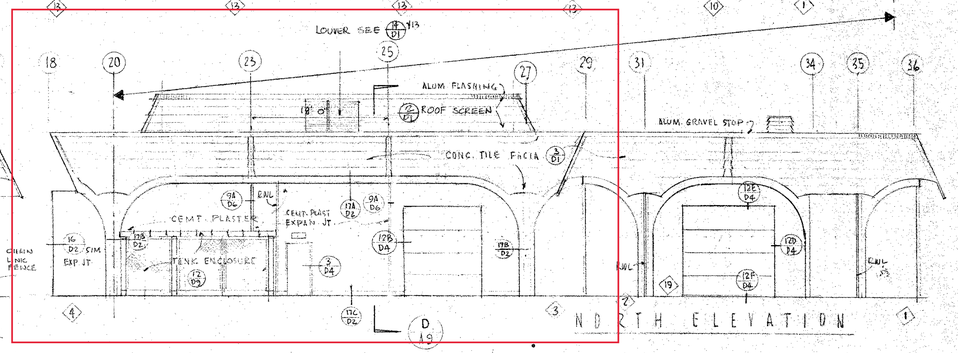




WEST ELEVATION



EAST WALL • SHOP YARD • WEST WALL



NORTH ELEVATION

PANEL TYPE SEE DETAILS 1 THRU 13 FOR FINISH SEE PANELS SEE

SCALE 1/8"=1'0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 29 1972
84859 MAR 17 1972
APPL. NO. PER PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 2 1972

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DELP W. JOHNSON, A.I.A., WILLIAM F. POOLE, A.I.A., JAMES P. STORM, A.I.A., RICHARD E. BOTTJER, DEAN LILLIS, A.I.A., TRISTAN SMITH, A.I.A.

SOLANO COUNTY JUNIOR COLLEGE

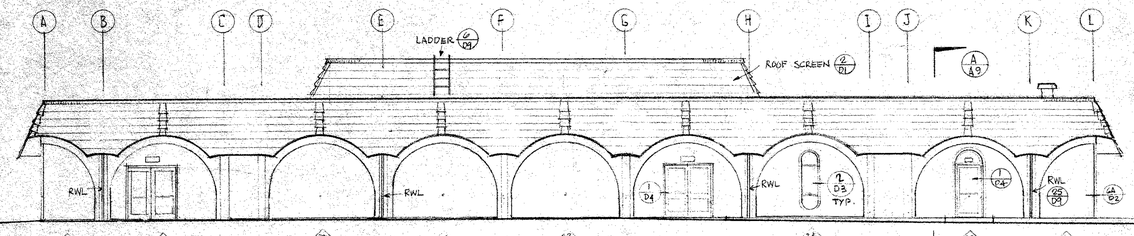
SOLANO COUNTY JUNIOR COLLEGE DISTRICT

ARCHITECT | OWNER | CONTRACTOR

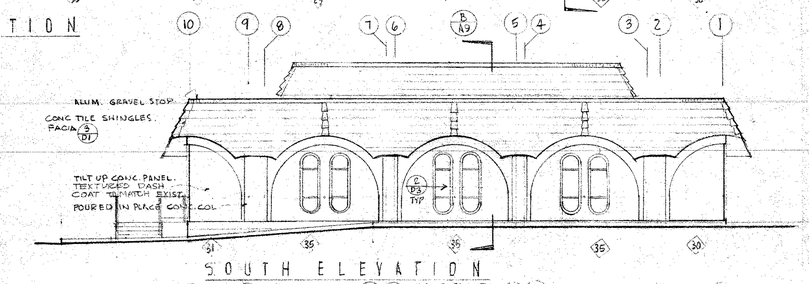
VOCATIONAL BUILDINGS 1800
SHOP BLDG. 1800A
BUILDING ELEVATIONS

DATE JAN 7 '72
DRAWN
DWG. NO. A7
JOB NO. 67-1

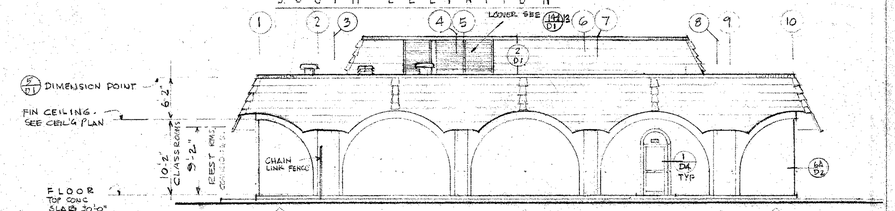
PRINTED ON DIEPO NO. 10901X CLEARPRINT 1-70



EAST ELEVATION



SOUTH ELEVATION

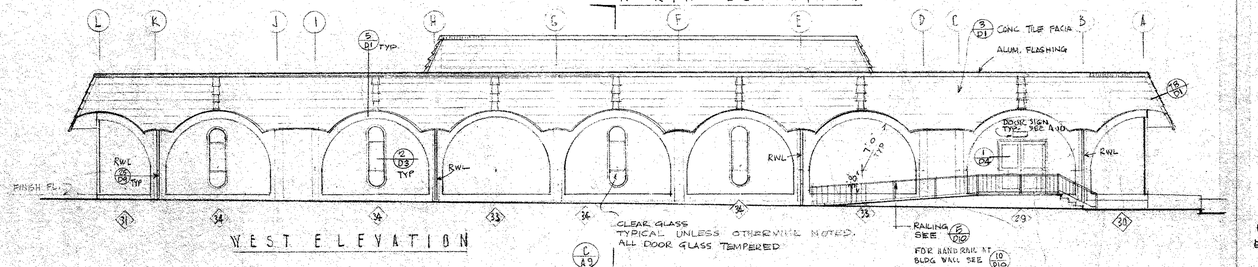


NOTES

◇ PANEL TYPE SEE DETAILS 13/D2 THRU 15/D2

FOR PANEL FINISH SEE DETAIL 5/D2

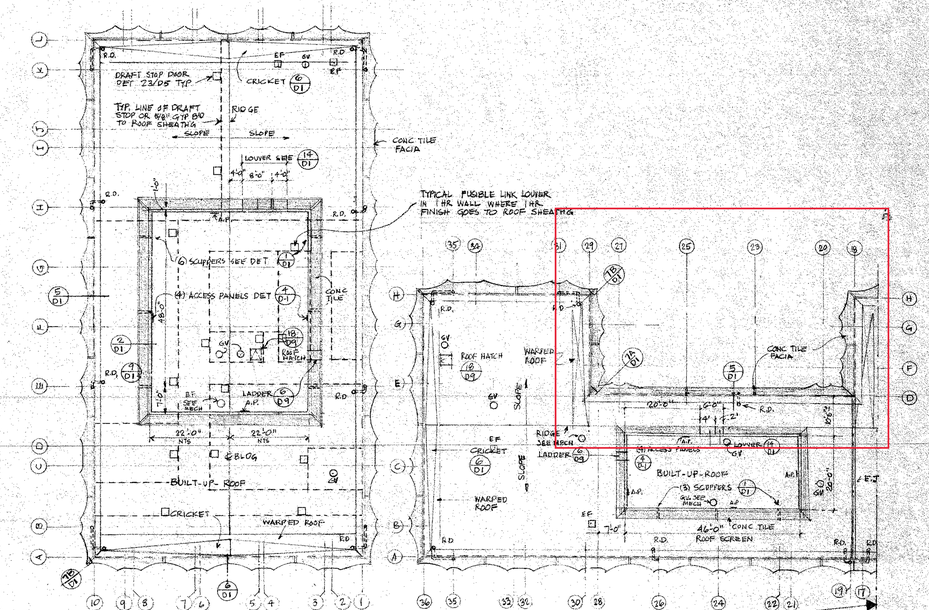
NORTH ELEVATION



WEST ELEVATION

ELEVATIONS

SCALE 1/8"=1'-0"

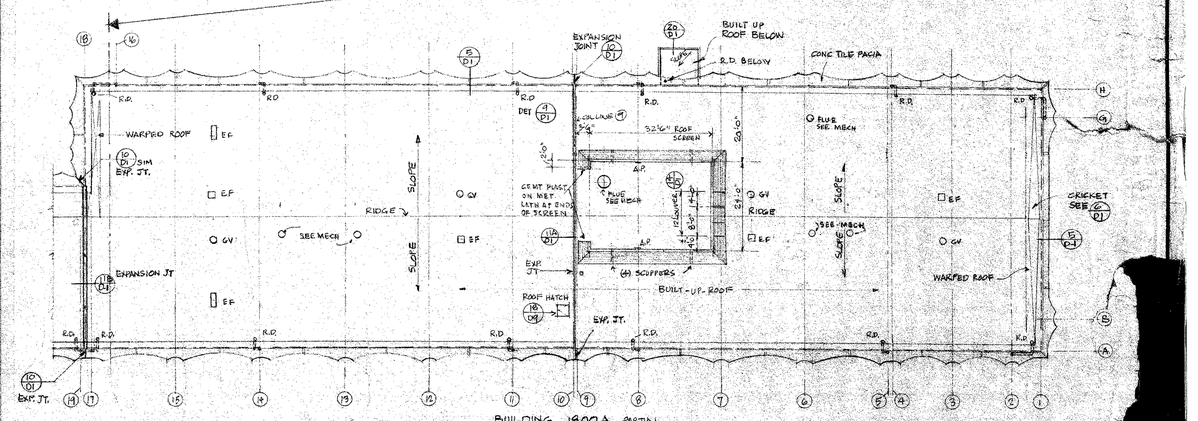


BUILDING 1800 B

BUILDING 1800 A PARTIAL

NOTES

1. SEE PLUMB. DWGS. FOR (R.F.) ROOF DRAIN & RAIN WATER LEADER.
2. SEE MECH DWGS. FOR MECH. EQUIP. ON ROOFS, GRAVITY VENTS, FLUES, ETC.
3. SEE DET 12/D1 FOR CURB & FRAMING DETS. FOR GRAVITY VENT AND FAN BASES.



BUILDING 1800 A PARTIAL

ROOF PLAN

SCALE 1/16=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED: MAR 1972
FEE
APPL. NO. 94859
PER [illegible] PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

CONSULTANTS

DELP W. JOHNSON, POOLE & STORM, A.I.A. — LILLIS & SMITH, A.I.A.
ARCHITECTS ASSOCIATED

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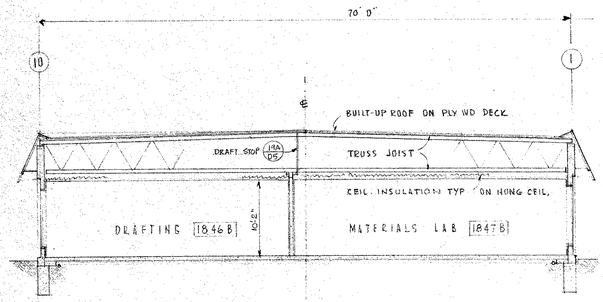
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT

ARCHITECT | OWNER | CONTRACTOR

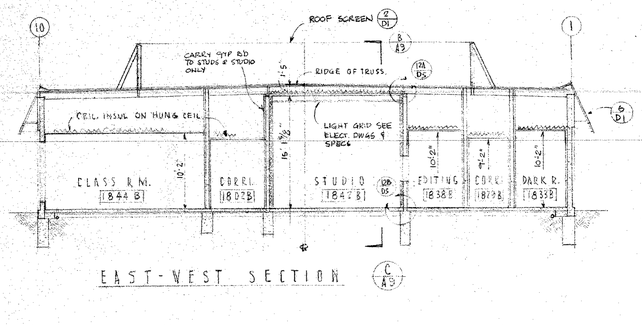
VOCATIONAL BUILDINGS 1800
CLASSRM BLDG 1800B ELEVATIONS
& ROOF PLANS

DATE JAN 7 72
DRAWN
DWG. NO. A8
JOB NO. 67-12

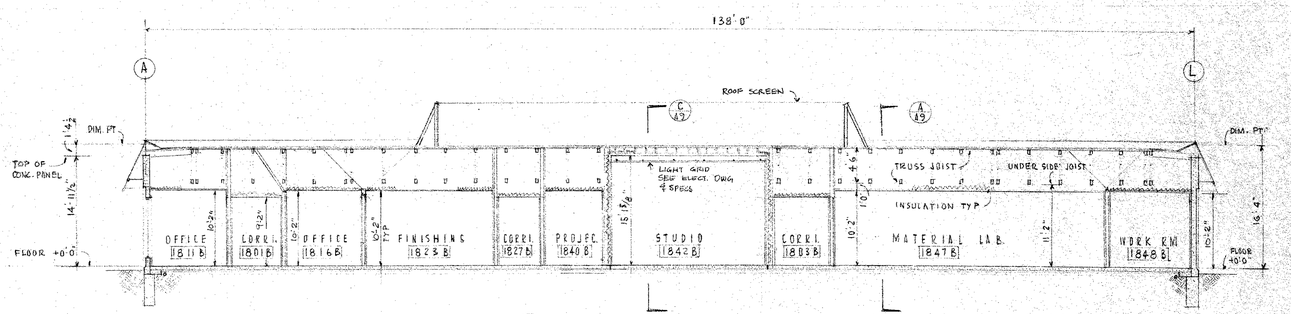
PRINTED ON DIEPO NO. 1000H CLEARPRINT 5-67



EAST - WEST SECTION (1/A5)

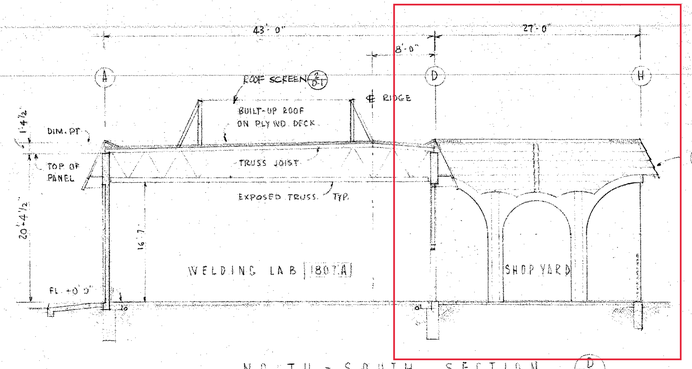


EAST - WEST SECTION (C/A5)

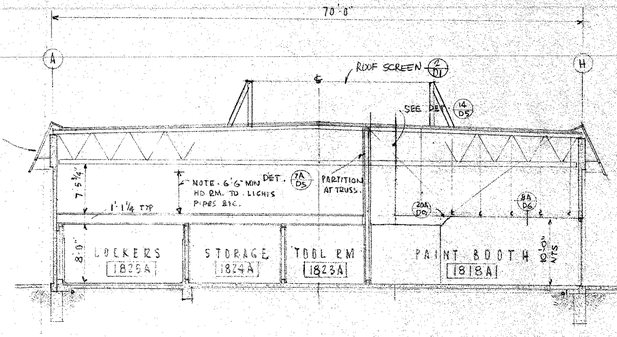


NORTH - SOUTH SECTION (B/A5)

SHOP CLASS RM BUILDING 1800B

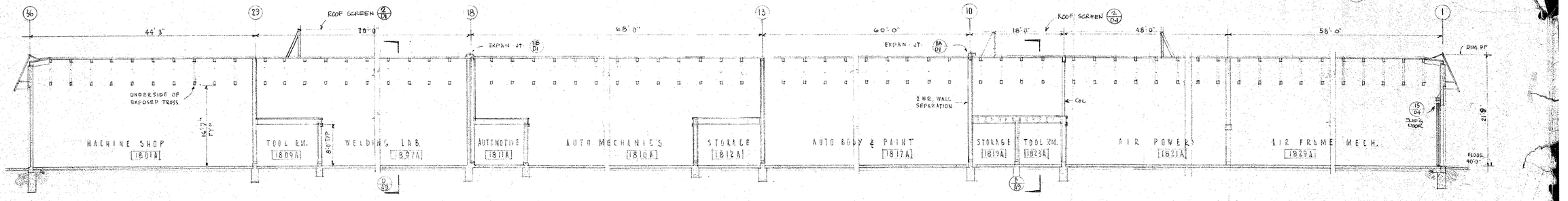


NORTH - SOUTH SECTION (D/A5)



NORTH - SOUTH SECTION (E/A5)

SHOP BUILDING 1800A



EAST - WEST SECTION (F/A5)

SCALE 1/8" = 1'-0

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPROVED MAR 17 1972
$4859
APPL. NO.
PER
PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

CONSULTANTS

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BUILDINGS 1800A & 1800B
BUILDING SECTIONS

DATE JAN 7'72
DRAWN
DWG. NO. A5
JOB NO. 67-

PRINTED ON DIEPO NO. 1000H CLEARPRINT 1-70

ROOM FINISH SCHEDULE

RM. NO.	ROOM	CEIL. HEIGHT	FLOOR: VINYL ASBESTOS TILE	FLOOR: CERAMIC TILE	FLOOR: CONC. TROWEL FIN. & HARDENER	FLOOR: CONCRETE ABRASIVE FIN.	FLOOR: CARPET	BASE: 4" VINYL TOP SET	BASE: CONCRETE WALL	BASE: CEMENT	BASE: CERAMIC TILE	BASE: WOOD 1x4	BASIC WALL MATERIAL: CONCRETE	BASIC WALL MATERIAL: 5/8 GYP BD	BASIC WALL MATERIAL: 2 LAYERS 1/2 GYP BD (2)	BASIC WALL MATERIAL: 2 LAYERS 5/8 GYP BD (2)	BASIC WALL MATERIAL: CEMT. PLASTER - SMOOTH TROWEL	WALL COVER MATERIAL: VINYL FAB. FL. TO CEIL	WALL COVER MATERIAL: VINYL FAB. TO 7'-2"	WALL COVER MATERIAL: CERAMIC TILE (5)	WALL COVER MATERIAL: 3/8 PLYWD. (6) (13)	WALL COVER MATERIAL: TACK VAC-UNFORMED FAB. (8)	WALL COVER MATERIAL: 24 GA. GAL. METAL (9)	WALL COVER MATERIAL: PERF. HD. BD. SOUND WALL	WALL COVER MATERIAL: 5/8 PLY WD. TO 8'-0" CEIL	WALL COVER MATERIAL: GLAYFELD WAINSCOT	CEILING: A SUSPENDED ACT TILE (7)	CEILING: B SUSPENDED ACT TILE + 1 HR (8)	CEILING: 5/8 GYP BD ON WD. JOIST (11)	CEILING: 5/8 GYP BD ON SUSPENDED (12)	CEILING: CONCRETE	CEILING: EXPOSED TRUSS & ROOF DECK	CEILING: CEMT. PLASTER - SMOOTH TROWEL	CEILING: 5/8 G.B. W/ A.C. TILE	WALL PAINT: SEMI GLOSS ENAMEL (4)	WALL PAINT: STIPPLE GLOSS ENAMEL	WALL PAINT: CONCRETE PAINT	WALL PAINT: STAIN & VARNISH	CEIL. PAINT: SEMI GLOSS ENAMEL	CEIL. PAINT: STIPPLE GLOSS ENAMEL	CEIL. PAINT: CONCRETE PAINT	TRIM PAINT: SEMI GLOSS ENAMEL	TRIM PAINT: STIPPLE GLOSS ENAMEL	REMARKS
1800A	MECH. ROOM	15'-7" (15)	●						●				●																														
1801A	MACHINE SHOP	16' 7"	●						●				●																														
1802A	CUSTODIAN	±15' 7"	●						●				●																														
1803A	TOOL ROOM	9' 0"	●						●				●																														
1804A	VESTIBULE	NO CEIL	●						●				●																														
1805A	VESTIBULE	NO CEIL	●						●				●																														
1806A	LOCKER RM.	8' 0"	●						●				●																														
1807A	WELDING LAB.	16' 7"	●						●				●																														
1808A	STORAGE	8' 0"	●						●				●																														
1809A	TOOL ROOM	8' 0"	●						●				●																														
1810A	AUTO MECHANICS	16' 7"	●						●				●																														
1811A	INSTRUMENT RM.	8' 0"	●						●				●																														
1812A	STORAGE	8' 0"	●						●				●																														
1813A	TOOL ROOM	8' 0"	●						●				●																														
1814A	LOCKER ROOM	8' 0"	●						●				●																														
1815A	VESTIBULE	NO CEIL	●						●				●																														
1816A	VESTIBULE	NO CEIL	●						●				●																														
1817A	AUTO BODY & PAINT	16' 7"	●						●				●																														
1818A	PAINT BOOTH	10' 0"	●						●				●																														
1819A	STORAGE	8' 0"	●						●				●																														
1820A	TOOL ROOM	8' 0"	●						●				●																														
1821A	AIR POWER	16' 7"	●						●				●																														
1822A	TEST CELL	10' 0"	●						●				●																														
1823A	TOOL ROOM	8' 0"	●						●				●																														
1824A	STORAGE	8' 0"	●						●				●																														
1825A	LOCKER RM.	8' 0"	●						●				●																														
1826A	VESTIBULE	NO CEIL	●						●				●																														
1827A	TOOL ROOM	8' 0"	●						●				●																														
1828A	TOOL ROOM	8' 0"	●						●				●																														
1829A	AIR FRAME MECH.	16' 7"	●						●				●																														
1830A	THRU 1834A - JANITOR	NO CEIL	●						●				●																														
1835A	PAINT SPRAY RM.	±15' 7"	●						●				●																														
1800B	THRU 1803B LOBBY & CORRIDOR	9' 2"		●								●																														
1804B	RECEPTION	10' 2"		●								●																														
1805B	DIRECTORS OFFICE	10' 2"		●								●																														
1806B	MENS TOILET	9' 2"		●								●																														
1807B	WOMENS TOILET	9' 2"		●								●																														
1808B	LOCKERS	9' 2"		●								●																														
1809B	THRU 1811B OFFICE	10' 2"		●								●																														
1812B	MECHANICAL	10' 2"		●								●																														
1813B	OMIT																																									
1820B	BLACK & WHITE PRINT RM.	10' 2"		●								●																														
1821B	COLOR PROCESS	10' 2"		●								●																														
1822B	LIGHT TRAP	10' 2"		●								●																														
1823B	FINISHING	10' 2"		●								●																														
1824B	& 1825B COLOR PRINT	10' 2"		●								●																														
1826B	CHEM. MIX	10' 2"		●								●																														
1827B	THRU 1830B CORRIDOR & LOCKER	9' 2"			●																																				
1831B	CUSTODIAN	10' 2"		●								●																														
1832B	& 1833B DARK RM.	10' 2"		●								●																														
1834B	FILM PRINT RM.	10' 2"		●								●																														
1835B	PROCESSING	10' 2"		●								●																														
1836B	DRESSING RM.	10' 2"		●								●																														
1837B	FILM ANIMATION	10' 2"		●								●																														
1838B	EDITING & GRAPHICS	10' 2"		●								●																														
1839B	STORAGE	10' 2"		●								●																														
1840B	PROJECTION	10' 2"		●								●																														
1841B	SOUND LAB	10' 2"		●								●																														
1842B	STUDIO	15 1/8"		●								●																														
1843B	& 1844B CLASS RM.	10' 2"		●								●																														
1845B	DRAFTING STORAGE	9' 2"		●								●																														
1846B	DRAFTING	10' 2"		●								●																														
1847B	MATERIALS LAB.	10' 2"		●								●																														
1848B	WORK RM.	9' 2"		●								●																														
1849B	STORAGE	9' 2"		●								●																														
1850B	TESTING	9' 2"		●								●																														

(1) SEE ALSO DET. 14/D8
(2) SEE PLAN FOR LOCATION OF 2HR WALL
(3) 2HR PLASTER ON WEST WALL
(4) NO PAINT ON GLASS-FIELD WALLS.
(5) SEE RM. ELEVATIONS FOR HEIGHT
(6) SEE R.M. ELEVATIONS FOR LOCATION
(7) 'A' = 24"x48"x 1/2" LAY-IN CEILING BD.
(8) 'B' = 24"x48"x 5/8" 1 HR RATED LAY-IN CEIL BD.
(9) FOR EXTENT SEE ROOM ELEV.
(10) CEMT. PLAST. ON SUSPEND CEIL.
(11) SEE CEIL. PLAN FOR LOCATION OF STRIPPING.
(12) INSULATION ON GB SEE 12/D5
(13) 3/8 PLY WD. IN SHOPS OVER ALL 5/8" GYP BD. TO THE UNDER SIDE OF BOTTOM CHORD OF TRUS-JOISTS
(14) NO PAINT ON CEIL. INSULATION. SHOP CEIL. EXPOSED TRUS-JOIST AND ALL EXPOSED WOOD ETC. TO BE PAINTED.
(15) 16'-7" SHOWN AS CEIL HT. FOR SHOPS IS TO UNDER SIDE OF TRUS-JOIST

SHOP BUILDING 1800A — CLASS RM. BUILDING

DOOR SCHEDULE

OPEN NO.	DOOR SIZE: DOORS FOR BLDG 1800A	DESCRIPTION: THICKNESS	DOOR CONSTRUCTION	DOOR TYPE	GLASS TYPE	GL. FRAME MATER.	DOOR FRAME TYPE	FRAME DETAIL	THRESHOLD DETAIL	HARDWARE GROUP	DOOR NO. & /OR SIGN	REMARKS
01A	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	14	1850	LOUVER 24"x12"
1A, 1A1	5'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1852 (2)	2 DOOR NOS. REQ.
2A	5'-0" x 7'-0"	1 3/4"	HM	E	-		HM	9/D4	8S/D4	14	1851	LOUVER TOP & BOTTOM 18"x12"
3A	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	-	5	1852A	LOUVER 12"x12"
6A2	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	8D/D4	8	1853B (5)	THRESHOLD DET. SIM. - 24x12 LOUVER.
6A1	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	8D/D4	8	1852B (5)	THRESHOLD DET. SIM. 24"x12" LOUVER
7A2	3'-0" x 7'-0"	1 3/8"	HM	B	-		HM	9/D4	8S/D4	11	1853 (2)	
7A1	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	3/D4	8S/D4	11	1853	PROVIDE DRIP AT HEAD SIM. TO 9A/D4 (2)
8A	3'-0" x 7'-0"	1 3/4"	SC	F	-		HM	3/D4	-	12	1853C	LOUVER W/ FUS. LINK 12"x12"
9A	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	-	5	1853A (5)	LOUVER 12"x12"
10A2	6'-0" x 7'-0" PR	1 3/4"	HM	B	-		HM	9/D4	8S/D4	33	1854 (2)	1 1/2 HR (LABEL 'D') DOOR
10A1	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1854 (2)	
11A	3'-0" x 7'-0"	1 3/8"	SC	D	W-M		HM	3/D4	20/D4 3/D4	5	1854E	24"x12" LOUVER W/REPLACEABLE PLATES & SEALS
12A	3'-0" x 7'-0"	1 3/4"	SC	F	-		HM	3/D4	-	12	1854D	LOUVER W/ FUS. LINK 12"x12"
13A	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	-	5	1854C	LOUVER 12"x12"
14A2	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	9/D4	8D/D4	8	1854B (5)	THRESHOLD DET. SIM/24"x12" LOUVER
14A1	3'-0" x 7'-0"	1 3/8"	SC	E	-		HM	3/D4	8D/D4	8	1855B (5)	THRESHOLD DET. SIM/24"x12" LOUVER
17A2	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1855 (2)	
17A1	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1855	
18A2	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	4/D4	-	32	1855E	1 1/2 HR (LABEL 'D') DOOR
18A1	4'-0" x 7'-0"	1 3/8"	HM	B	-		HM	4/D4	-	32	1856E	1 HR (LABEL 'C') DOOR
19A	3'-0" x 7'-0"	1 3/8"	HM	B	-		HM	3/D4	-	32	1855D	1 1/2 HR (LABEL 'D') DOOR
20A	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	3/D4	-	32	1855C	1 1/2 HR (LABEL 'D') DOOR
21A2	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1856 (2)	
21A1	3'-0" x 7'-0"	1 3/8"	HM	B	-		HM	9/D4	8S/D4	11	1856	
22A	3'-0" x 7'-0"	1 3/8"	HM	B	-		HM	9/D4	8S/D4	11	1858	
23A	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	-	5	1856D	LOUVER 12"x12"
24A	3'-0" x 7'-0"	1 3/4"	SC	F	-		HM	3/D4	-	12	1856E	LOUVER W/ FUS. LINK 12"x12"
25A	3'-0" x 7'-0"	1 3/8"	SC	E	-		HM	3/D4	8S/D4	8	1854B (5)	THRESHOLD DET. SIM/24"x12" LOUVER
27A	3'-0" x 7'-0"	1 3/4"	SC	E	-		HM	3/D4	-	5	1856C	LOUVER 12"x12"
28A	3'-0" x 7'-0"	1 3/8"	SC	E	-		HM	3/D4	-	5	1957A	LOUVER 12"x12"
29A2	3'-0" x 7'-0"	1 3/8"	HM	B	-		HM	9/D4	8S/D4	11	1857 (2)	
29A1	3'-0" x 7'-0"	1 3/4"	HM	B	-		HM	9/D4	8S/D4	11	1857	
	OMIT											
30A THRU 34A	3'-0" x 7'-0"	1 3/8"	SC	B	-		HM	3/D4	-	9	1	UNDERCUT DOOR 1"
35A	8'-0" x 7'-0"	1 3/4"	SC	B	-		HM	2/D4	-	12	1856F	

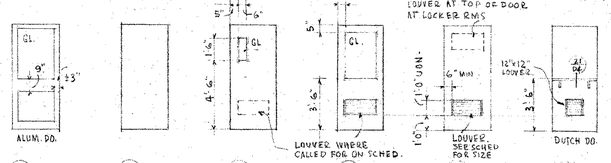
OPEN NO.	DOOR SIZE: DOORS FOR BLDG 1800B	DESCRIPTION: THICKNESS	DOOR CONSTRUCTION	DOOR TYPE	GLASS TYPE	GL. FRAME MATER.	DOOR FRAME TYPE	FRAME DETAIL	THRESHOLD DETAIL	HARDWARE GROUP	DOOR NO. & /OR SIGN	REMARKS
0B	6'-0" x 7'-0" PR	1 3/4"	AL	A	T	AL	T	1/D4	9/D4	1	1800	(*) SIZE UNDER SIDE OF DO. FOR CARPET
1B	6'-0" x 7'-0" PR	1 3/4"	AL	A	T	AL	T	1/D4	9/D4	1	1800	(1) DOORS W/ LIGHT PROOF & FUSE LINK LOUVER 18"x12"
3B	6'-0" x 7'-0" PR	1 3/8"	AL	A	T	AL	T	1/D4	9/D4	1	1800	
4B	3'-0" x 7'-0"	1 3/8"	SC	D	W-M	HM	3/D4	-	21	1801		
5B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	21	1802		
6B	3'-0" x 7'-0"	1 3/4"	SC	B	-	HM	3/D4	8S/D4	8	1815		SEE DRAW 19 FOR SPECIAL DO. STOP
7B	3'-0" x 7'-0"	1 3/4"	SC	B	-	HM	3/D4	8S/D4	8	1814		
8B	3'-0" x 7'-0"	1 3/8"	SC	E	-	HM	3/D4	-	8	1814A		LOUVER 24"x12"
9B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	21	1803		
10B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	21	1804		
11B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	21	1806		
12B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	21	1808		
13B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	21	1810		
14B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	21	1811		
15B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	21	1805		
16B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	21	1807		
17B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	2/D4	-	21	1809		
18B	3'-0" x 7'-0"	1 3/4"	SC	B	-	HM	3/D4	8S/D4	16	1812		1 HR (LABEL C) DOOR
	OMIT											
21B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	20/D4	-	21	1827A	20/D4	LIGHTPROOF DOOR & LOUVER & SEAL
22B	3'-0" x 7'-0"	1 3/4"	SC	B	-	HM	20/D4	8S/D4	2	1827		SEALS 20/D4 SIM. 18"x12"
24B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	20/D4	8S/D4	21	1827B	20/D4	LIGHTPROOF DOOR & LOUVER & SEAL
25B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	20/D4	-	21	1827C	20/D4	LIGHTPROOF DOOR & LOUVER & SEAL
26B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	9/D4	-	21	1827D	20/D4	LIGHTPROOF DOOR & LOUVER & SEAL
27B	3'-6" x 7'-0"	1 3/4"	SC	C	T-M	HM	9/D4	8S/D4	3A	1816		18"x12"
29B	3'-6" x 7'-0"	1 3/4"	SC	C	T-M	HM	9/D4	8S/D4	3A	1816		
30B	3'-0" x 7'-0"	1 3/4"	M.	B	-	HM	18/D4	20/D4	2	1820		SOUND DOOR W/ SOUND SEALS
31B	3'-0" x 7'-0"	1 3/4"	SC	B	-	HM	9/D4	8S/D4	16	1824		UNDERCUT DOOR 1"
32B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	3/D4	8S/D4	21	1825		LIGHTPROOF DO.4 SEAL 20/D4 SIM.
33B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	3/D4	8S/D4	21	1823		LIGHTPROOF DOOR SEAL 20/D4 SIM.
34B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	3/D4	8S/D4	21	1822		LIGHTPROOF LOUVER W/FUSE 18"x12" 20/D4
35B	3'-0" x 7'-0"	1 3/8"	SC	E	-	HM	9/D4	8S/D4	21	1821		LIGHTPROOF LOUVER W/FUSE 18"x12" 20/D4
36B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	6/D4	-	21	1820A		DOOR W/ SOUND SEALS
37B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	9/D4	-	21	1824A		LOUVER 18"x12"
38B	3'-0" x 7'-0"	1 3/8"	SC	E	-	HM	3/D4	8S/D4	2	1924		LOUVER W/FUSE LINK 24"x12"
39B	3'-0" x 7'-0"	1 3/8"	SC	E	-	HM	9/D4	8S/D4	16	1828		LOUVER W/FUSE LINK 18"x12"
40B	3'-0" x 7'-0"	1 3/8"	SC	B	-	HM	3/D4	8S/D4	2	1829		DOOR W/ SOUND SEALS 20/D4 SIM.
41B	3'-0" x 7'-0"	1 3/8"	SC	B	-	HM	3/D4	8S/D4	2	1830		DOOR W/ SOUND SEALS 20/D4 SIM.
42B2	5'-0" x 9'-0" PR	1 3/4"	SC	B	-	HM	18/D4	9/D4	18	1820		DOOR W/ SOUND SEALS
42B1	5'-0" x 9'-0" PR	1 3/4"	M	B	-	HM	18/D4	9/D4	18	-		SOUND DOOR W/ SOUND SEALS
43B	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	2	1813		
44B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	2	1817		
45B	3'-0" x 7'-0"	1 3/8"	SC	C	T-M	HM	3/D4	-	16	1818A		LOUVER - FUSE LINK 24"x12"
46B2	3'-0" x 7'-0"	1 3/4"	SC	C	T-M	HM	3/D4	-	2	1818		
46B1	3'-0" x 7'-0"	1 3/4"	AL	A	T	AL	1/D4	9/D4	1	1818		
47B2	6'-0" x 7'-0" PR	1 3/8"	SC	C	T-M	HM	3/D4	-	18	1819		
47B1	3'-0" x 7'-0"	1 3/4"	AL	A	T	AL	1/D4	9/D4	1	1819		
48B	3'-0" x 7'-0"	1 3/4"	SC	D	W-M	HM	3/D4	-	5	1819A		
49B	3'-0" x 7'-0"	1 3/4"	SC	E	-	HM	9/D4	20/D4	16	1819B		LOUVER - FUSE LINK 18"x12"
50B	3'-0" x 7'-0"	1 3/4"	SC	D	W-M	HM	3/D4	20/D4	5	1819C		JAMB, SILL & HEAD SEAL 20/D4 SIM.

ABBREVIATIONS

AL	ALUMINUM
M	METAL
SC	SOLID CORE WOOD
T	TEMP GLASS - CLEAR
HM	HOLLOW METAL
W	WIRE CLEAR GLASS

NOTE

FOR HM FRAMES W/OUT DOORS SEE DETAIL 5F/D6 - VEST. ENTER - BLDG 1800A
SEE ALSO PLAN RMS. 1822B & 1823B ON DRAW. A17 - JAMB CASTINGS ONLY
SEE ALSO WINDOW FRAMES IN DETAIL GROUP D3. DETAILS



DOOR TYPES

DOOR NO. & SIGN NOTES △

△1 DOOR NO 30A W/ SIGN NO 1852A
" " 31A W/ " " 1853A
" " 32A W/ " " 1854A
" " 33A W/ " " 1855A
" " 34A W/ " " 1856A

△2 DOOR SIGN W/ THE FOLLOWING SIGN AS WELL AS A NO.
1A2 & 1A1 - NO "1852 - MACHINE SHOP"
7A2 & 7A1 - NO "1853 - WELDING LAB."
10A2 & 10A1 - NO "1854 - AUTO MECHANICS"
17A2 & 17A1 - NO. "1855 - AUTO BODY & PAINT"
21A2 & 21A1 - NO. "1856 - AIR POWER"
29A2 & 29A1 - NO. "1857 - AIR FRAME MECHANIC"

△3 SEE ROOM ELEV. ON DRAW. A17 FOR SIGNS OVER STUDIO DOORS

△4 3 ENTRANCE DOORS 0B, 1B & 3B W/ NO. & SIGN "1800 - VOCATIONAL BUILDING"

△5 DOOR 6B W/ NO. & SIGN "1813 - MEN" DOOR 7B W/ NO. & SIGN "1814 - WOMEN"

△6 SIGN "MEN LOCKERS" LOCATED ON ENTER. VESTIBULE WALL AT TRIM OPEN TO LOCKER RMS. - SEE ELEVATIONS ON A11 THRU A15

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED MAR 17 1972
84859
APPL. NO. PER PRIN. ARCH. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

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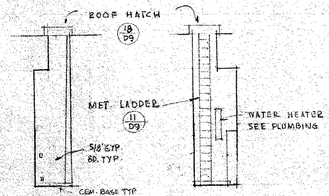
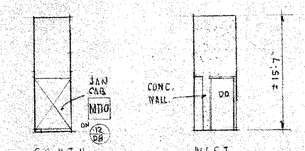
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG'S 1800A & 1800B
ROOM FINISH & DOOR SCHEDULES

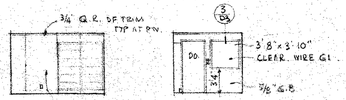
DATE JAN 7 '72
DRAWN
DWG. NO. A10
JOB NO. 67-12

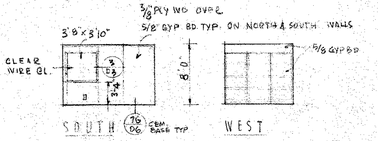
PRINTED ON DIEPO NO. 1000H CLEARPRINT 1-70



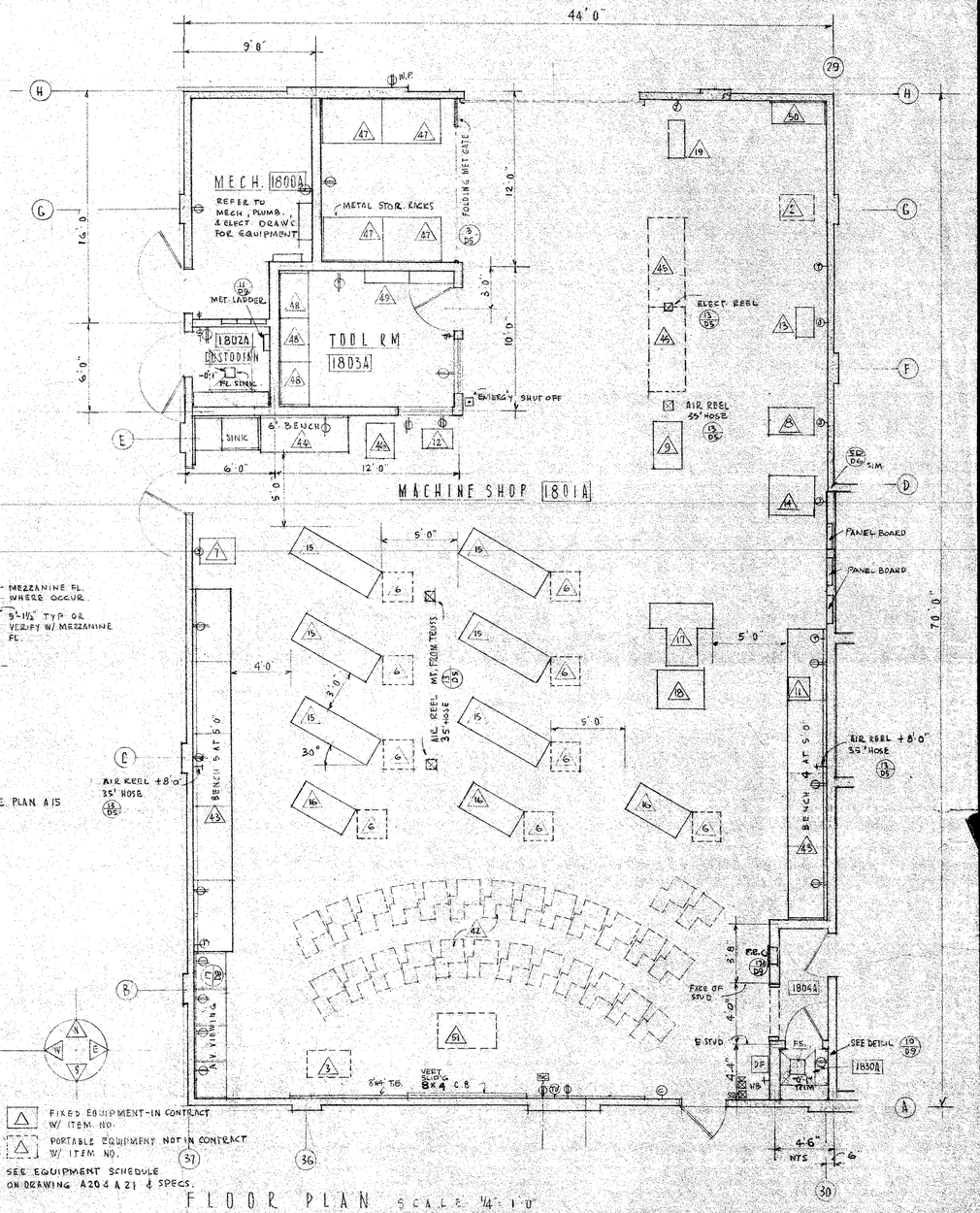


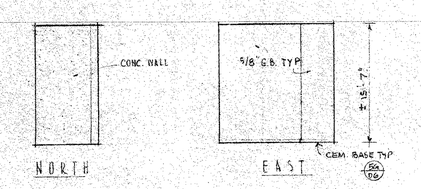
CUSTODIAN 1802A



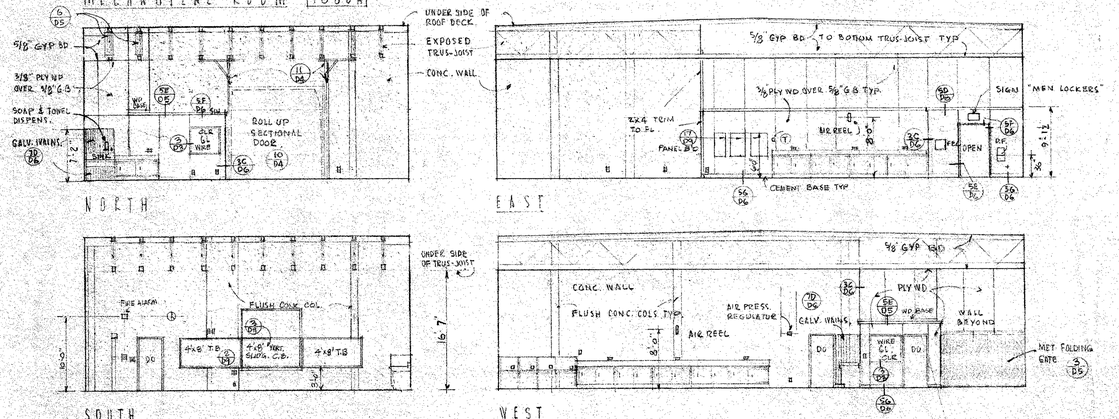


TOOL RM 1803A



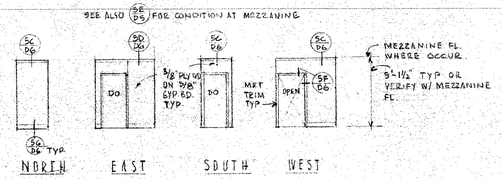


MECHANICAL ROOM 1800A



MACHINE SHOP 1801A

ROOM ELEVATIONS SCALE 1/8" = 1'-0"



VEST. 1804A

NOTE RM 1815A SIM.,
RM 1805A & 1816A SIM. & OPPOSITE
RM 1826A SIM. BUT SEE PLAN A15

FLOOR PLAN SCALE 1/4" = 1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION,
APPROVED FEB 26 1972
34859 MAR 17 1972
APPL. NO. PER PRIN. ENGR. DIVISION

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 25 1972

CONSULTANTS

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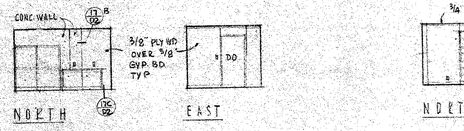
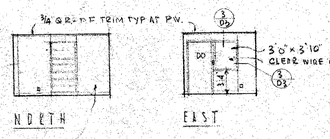
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

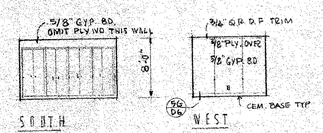
VOCATIONAL BUILDINGS 1800
SHOP BLDG 1800A
MACHINE SHOP & RELATED ROOMS - DETAILS

DATE JAN 7 72
DRAWN
DWG. NO. A11
JOB NO. 67-1R

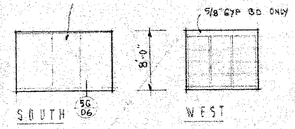
PRINTED ON DIEPO NO. 1050H CLEARPRINT 1-70



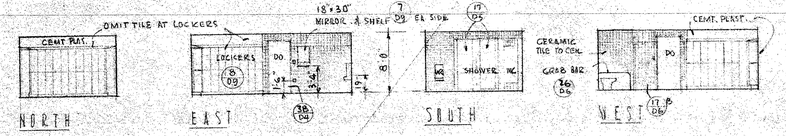




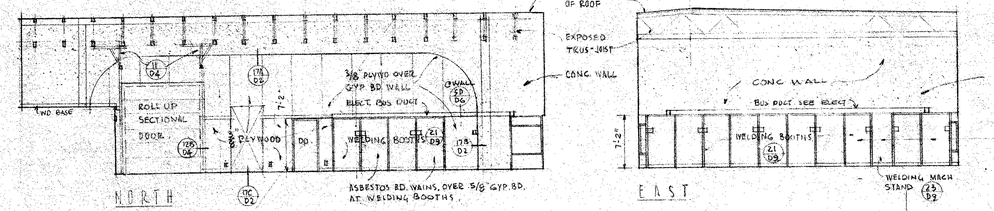
STORAGE 1808A

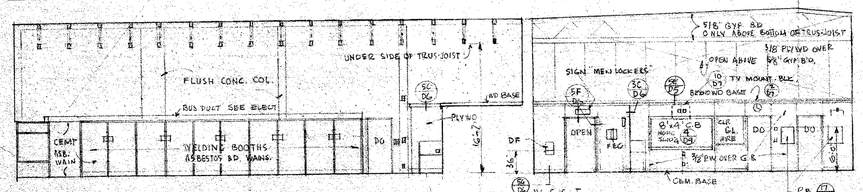


TOOL RM. 1809A



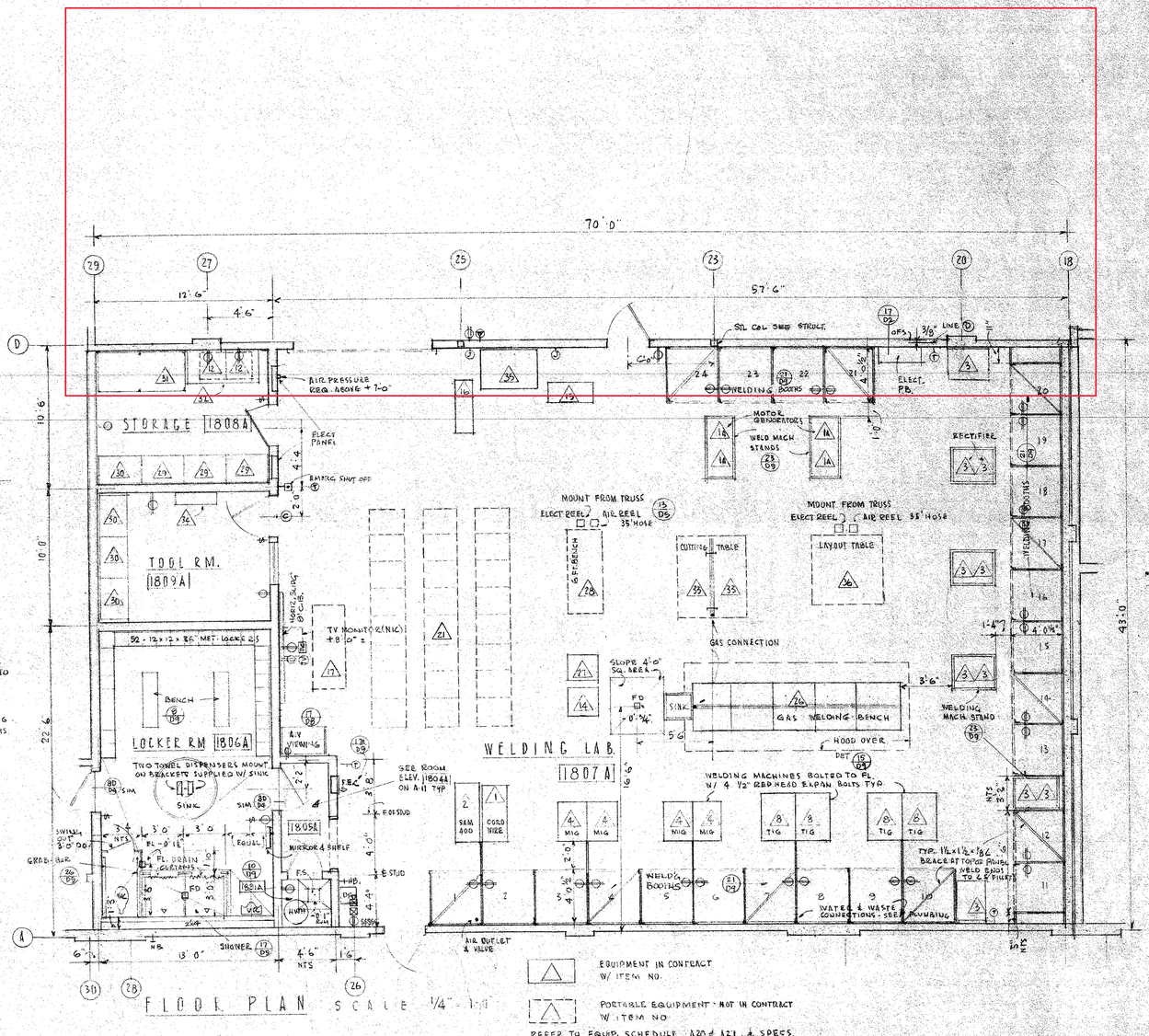
LOCKER ROOM 1806A





WELDING LAB 1807A

ROOM ELEVATIONS SCALE 1/8" = 1'-0"



△ EQUIPMENT IN CONTRACT W/ ITEM NO.

△ PORTABLE EQUIPMENT - NOT IN CONTRACT W/ ITEM NO.

REFER TO EQUIP. SCHEDULE A20 & A21 & SPECS.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 '72
APPROVED MAR 17 1972
34859
APPL. NO.
PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 '72

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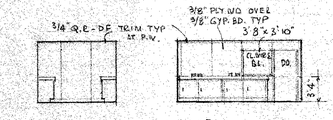
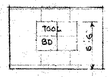
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

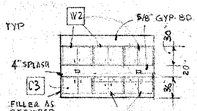
VOCATIONAL BUILDINGS 1800
SHOP BLDG. 1800A
WELDING LAB & RELATED ROOMS: DETAILS

DATE JAN 7 '72
DRAWN
DWG. NO. A12
JOB NO. 67-12

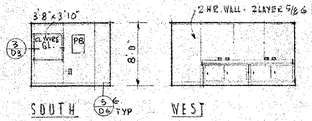
PRINTED ON DIEKO NO. 10008 CLEARPRINT 1-70



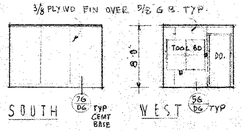




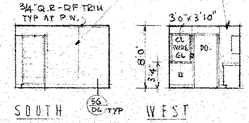
PREFIN WOOD CABS SEE DET.
6/D8 THRU 9/D8



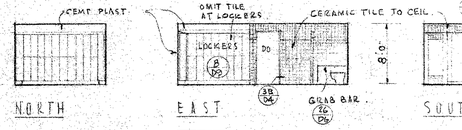
INSTRUMENT ROOM 1811A



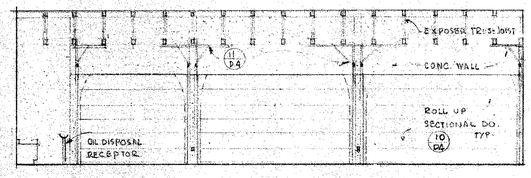
STORAGE 1812A

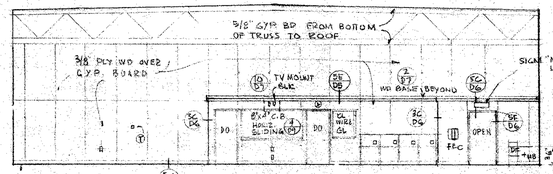


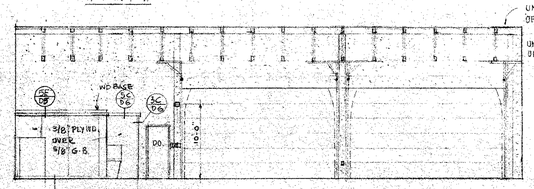
TOOL ROOM 1813A

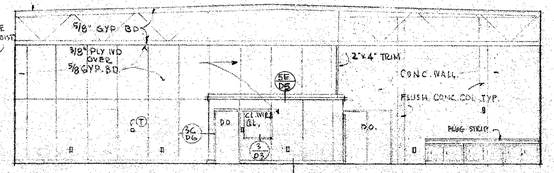


LOCKER ROOM 1814A

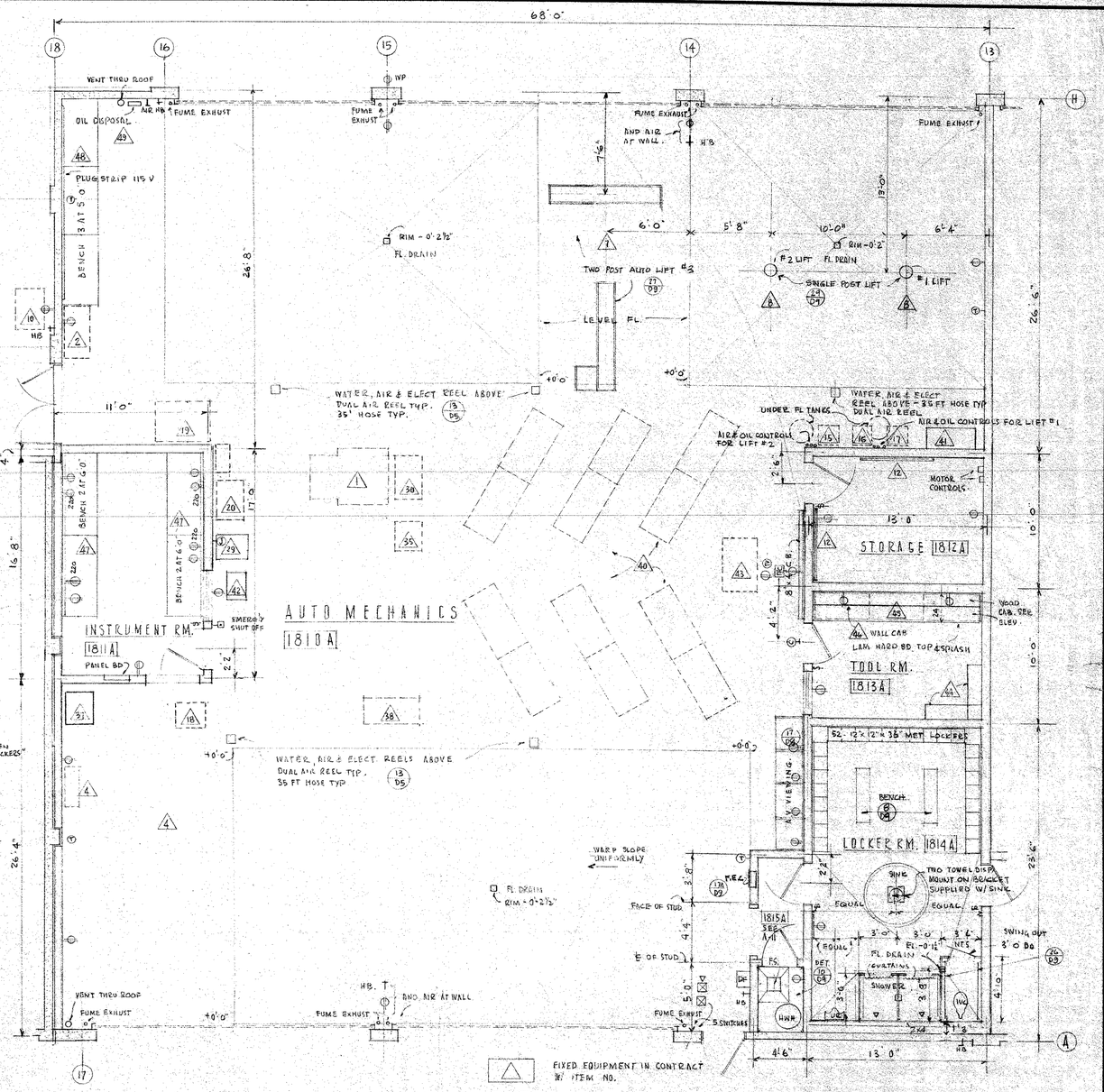








AUTO MECHANICS ROOM ELEVATIONS SCALE 1/8"=1'0"



FLOOR PLAN SCALE 1/4"=1'0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPROVED MAR 17 1972
34859
APPL. NO.
PER PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

CONSULTANTS

DELP W. JOHNSON, POOLE & STORM, A.I.A. — LILLIS & SMITH, A.I.A.
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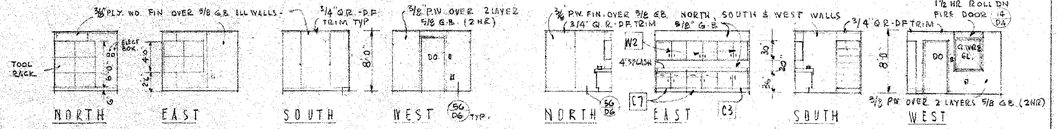
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
SHOP BLDG 1800A
AUTO MECHANICS & RELATED ROOMS - DETAILS

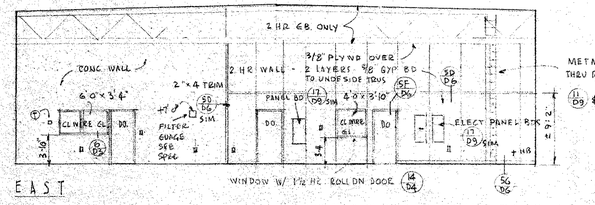
DATE JAN 7'72
DRAWN
DWG. NO. A13
JOB NO. 67-18

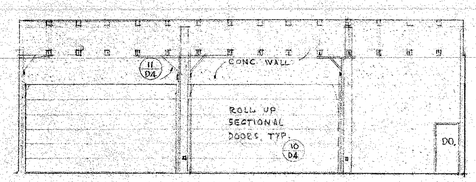
PRINTED ON DIEMO NO. 1000H CLEARPRINT 1-70

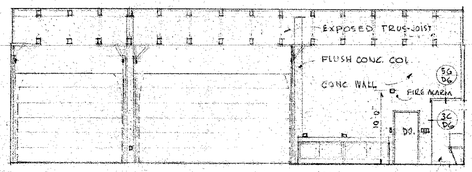


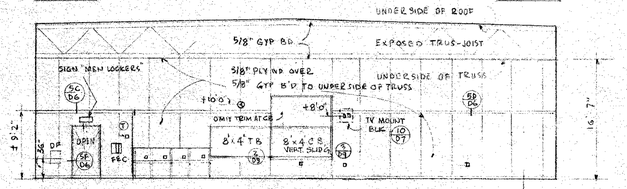
PAINT STORAGE 1819A

TOOL ROOM 1820A

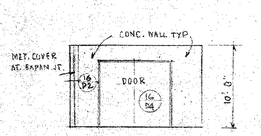


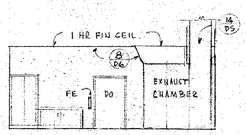


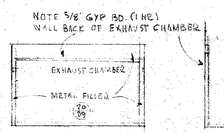


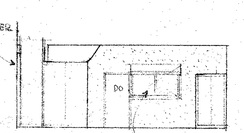


AUTO BODY & PAINT 1817A



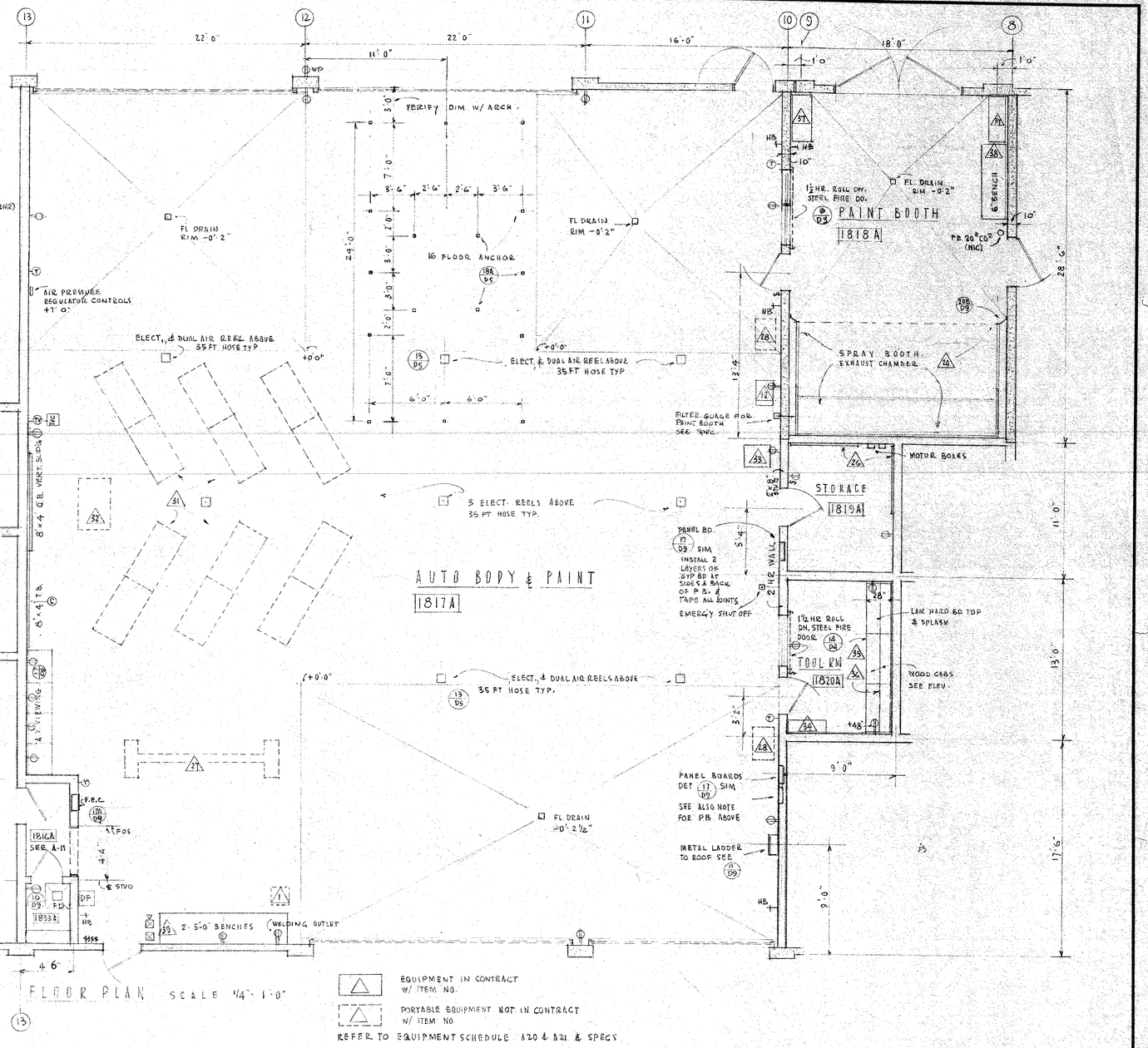






PAINT BOOTH 1818A

ROOM ELEVATIONS SCALE 1/8" = 1'-0"



FLOOR PLAN SCALE 1/4" = 1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 23 1972
MAR 17 1972
84859
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PER
PRIN. STRL. ENGR.

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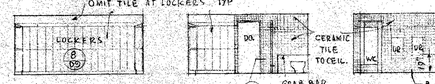
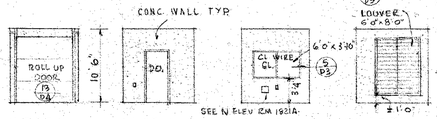
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
[redacted] ARCHITECT [redacted] OWNER [redacted] CONTRACTOR

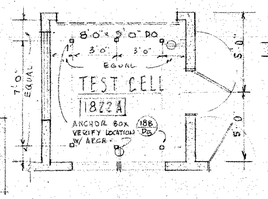
VOCATIONAL BUILDINGS 1800
SHOP BLDG. 1800A
AUTO BODY & PAINT-RELATED RMS. DETAILS

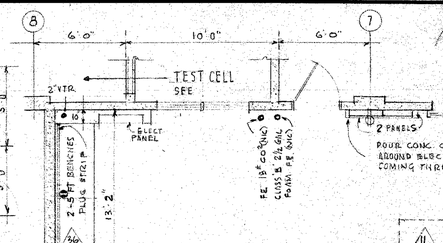
DATE JAN 7 72
DRAWN
DWG. NO. A14
JOB NO. 67-12

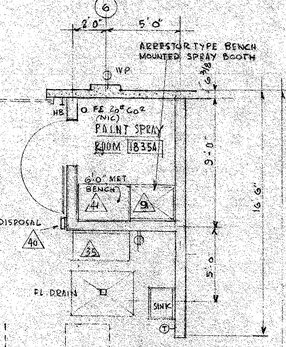
PRINTED ON DIEPO NO. 1000H CLEARPRINT 1-70

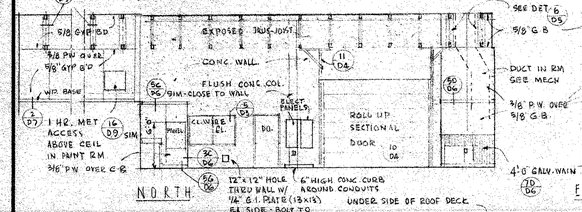


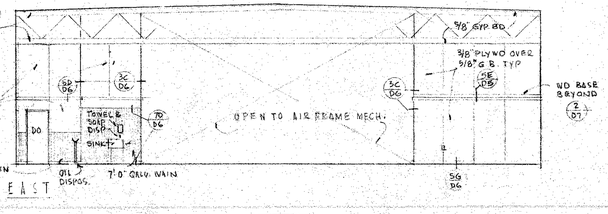


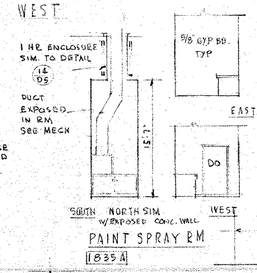


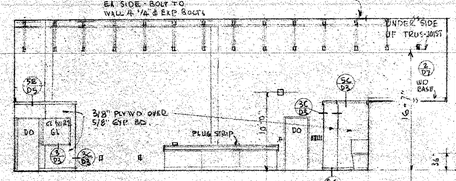


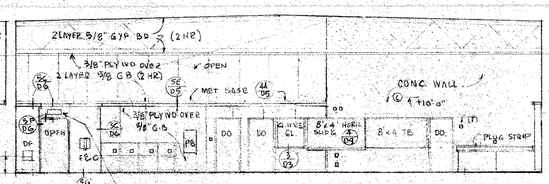


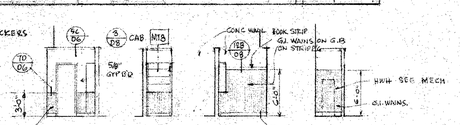


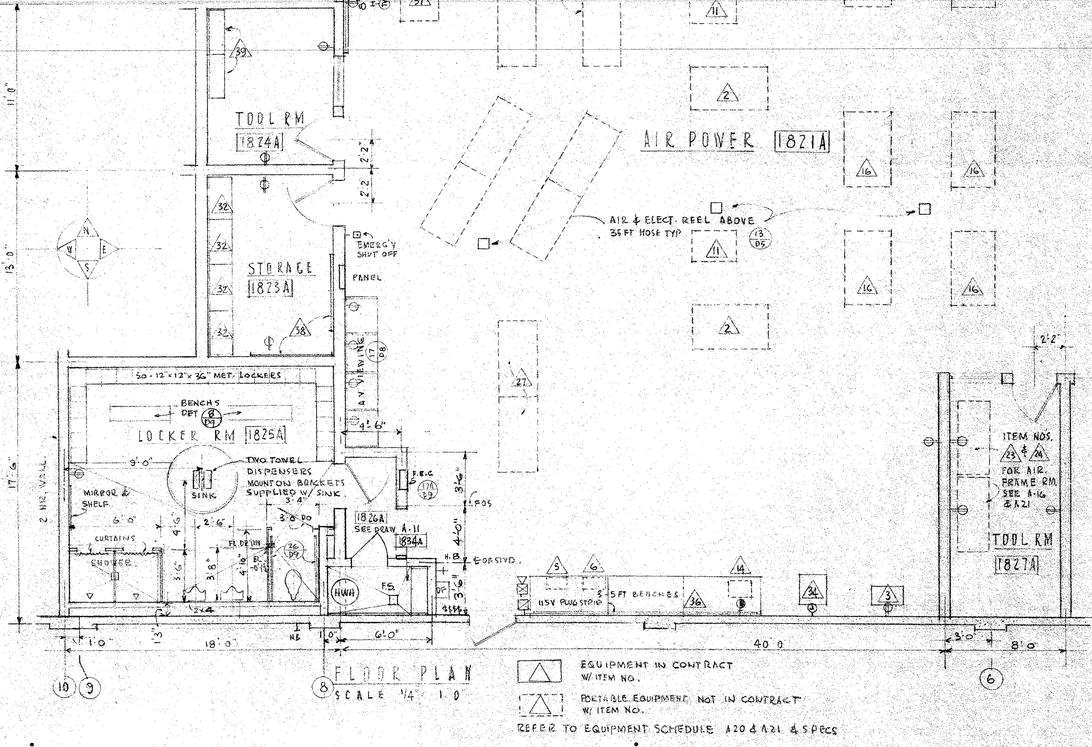


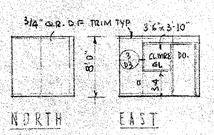


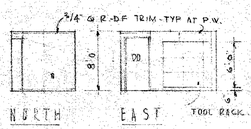


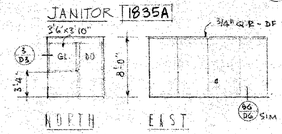


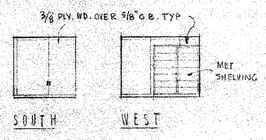


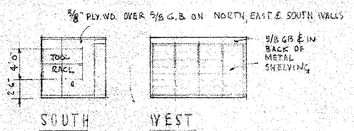


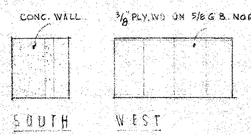












ROOM ELEVATIONS SCALE 1/8" = 1'0"

EQUIPMENT IN CONTRACT W/ ITEM NO.

PORTABLE EQUIPMENT NOT IN CONTRACT W/ ITEM NO.

REFER TO EQUIPMENT SCHEDULE A20 & A21 & SPECS

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
3485 MAR 17 1972
APPL. NO. PER PRIN. STRL. ENGR

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 1972

CONSULTANTS

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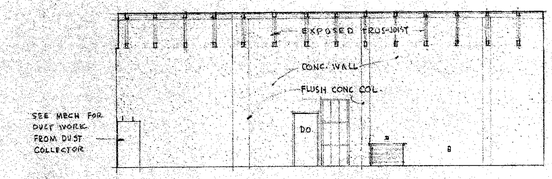
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
SHOP BLDG 1800 A
AIR POWER & RELATED ROOMS - DETAILS

DATE JAN 7 72
DRAWN
DWG. NO. A15
JOB NO. 67-18

PRINTED ON DIEPO NO. 1000H CLEARPRINT 5-70



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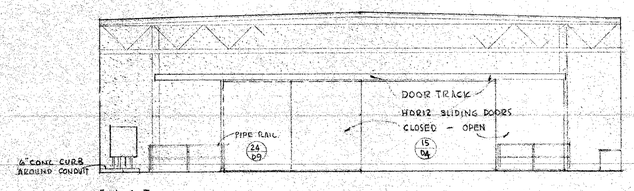

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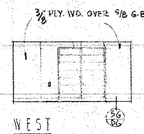

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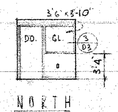

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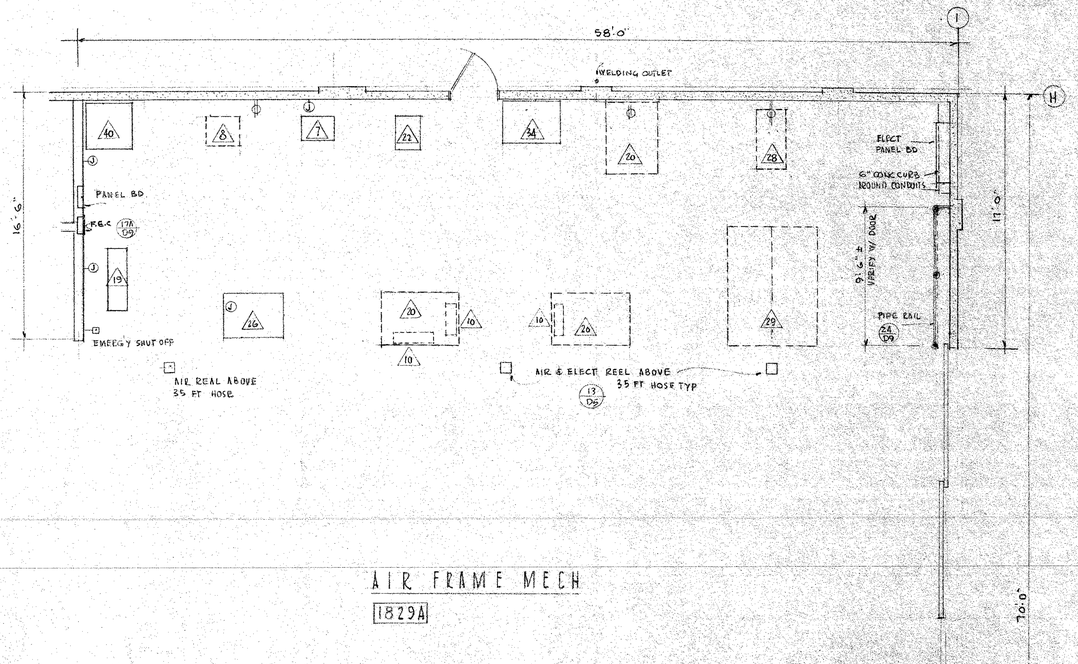
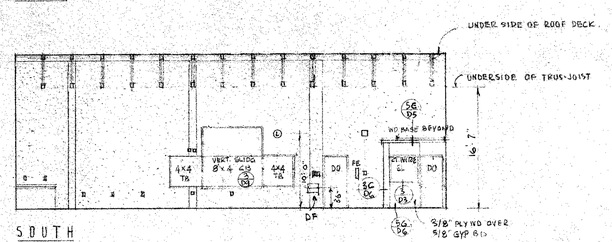
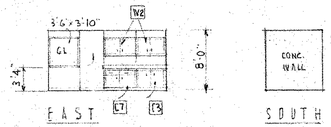


AIR FRAME MECH

1829A

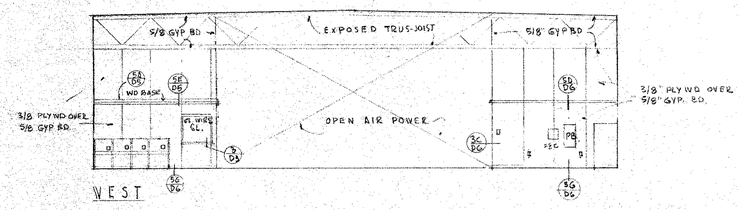


SOUTH



EAST SOUTH

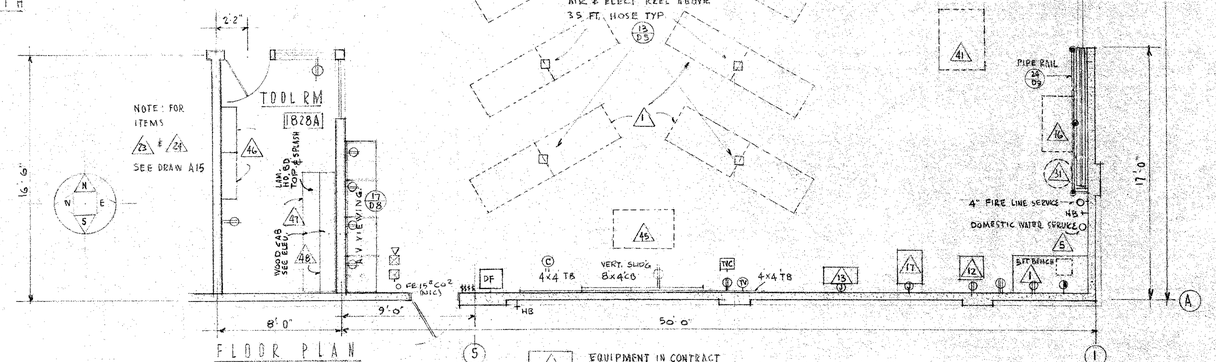
TOOL RM. 1828A



WEST

AIR FRAME MECHANICS 1829A

ROOM ELEVATIONS SCALE 1/8"=1'-0"



FLOOR PLAN

SCALE 1/4"=1'0"

EQUIPMENT IN CONTRACT W/ ITEM NO.

PORTABLE EQUIPMENT NOT IN CONTRACT W/ ITEM NO.

REFER TO EQUIPMENT SCHEDULE A20 & A21 & SPEC.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPROVED MAR 17 1972
34859
APPL. NO. PER R.R. Rutter PRIN. STRUC. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 1972

CONSULTANTS

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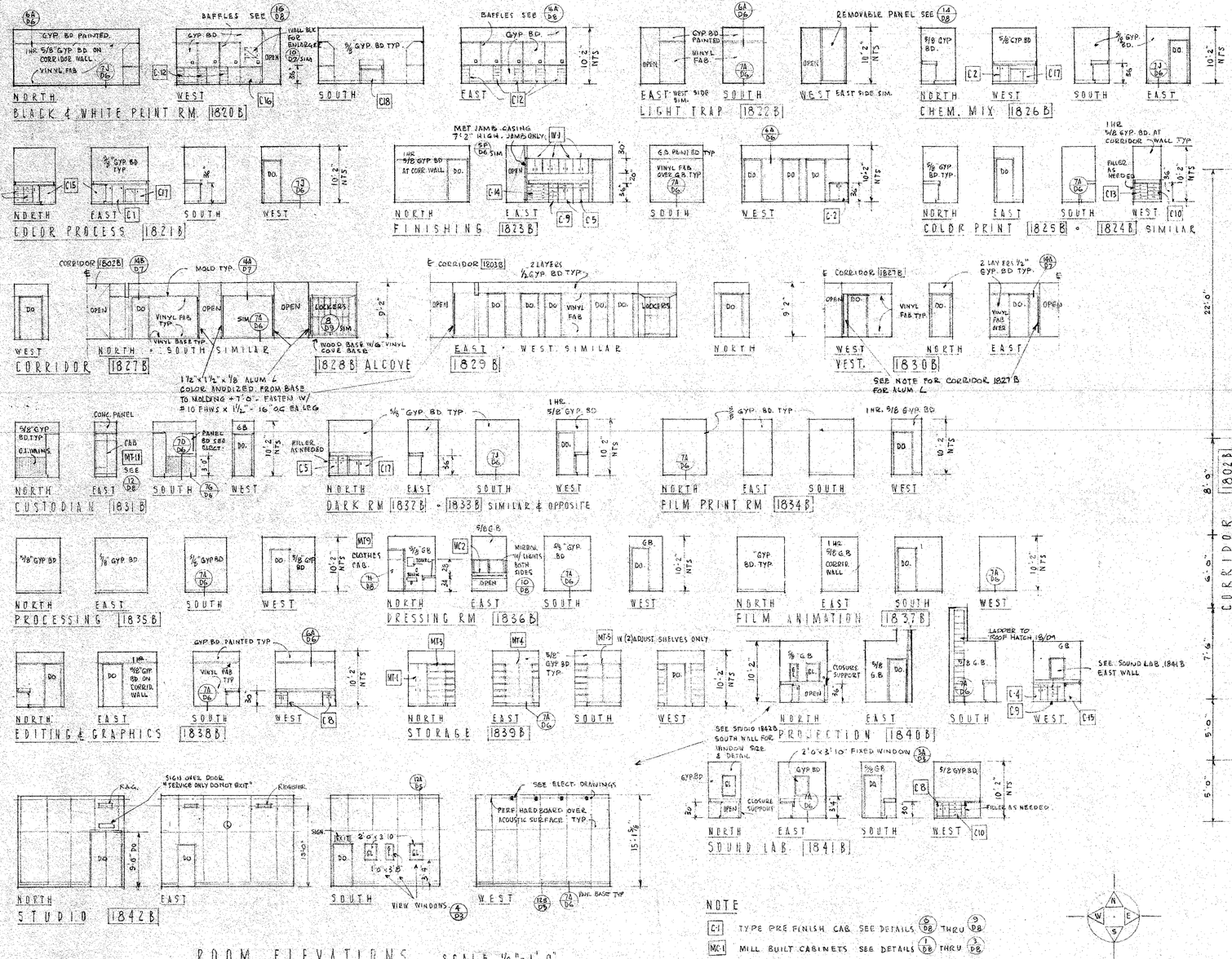
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

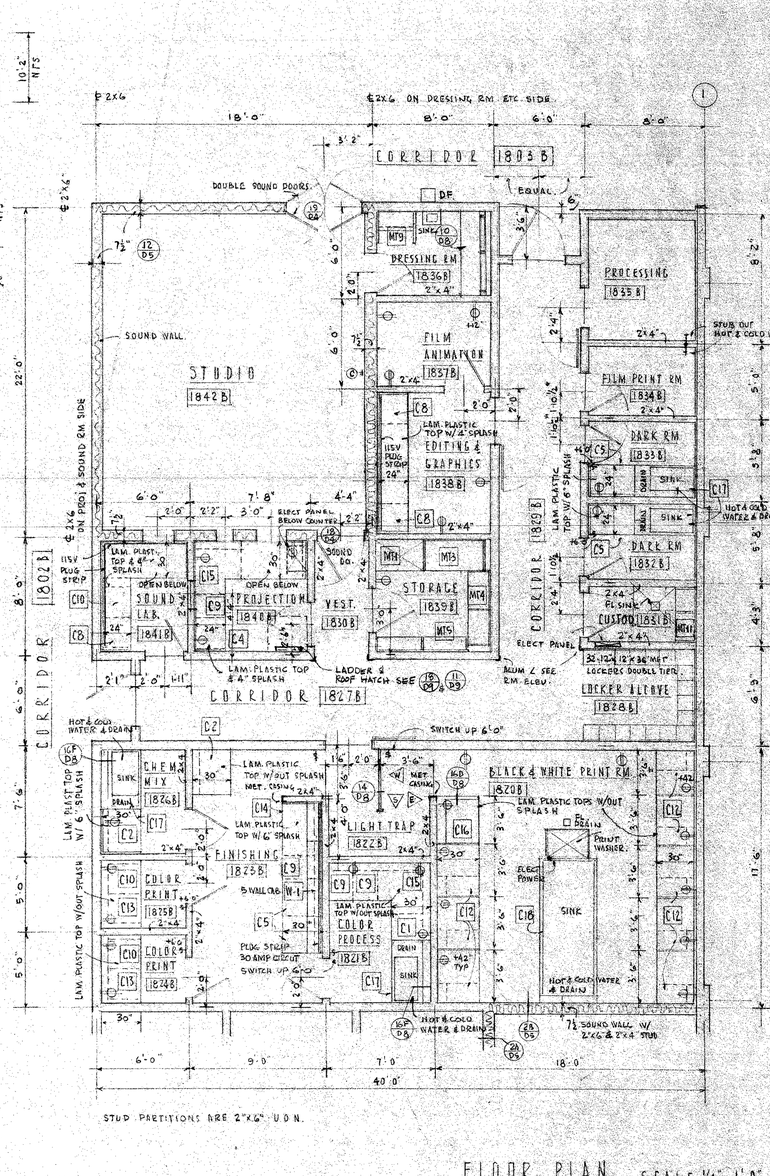
VOCATIONAL BUILDINGS 1800
SHOP BLDG 1800A
AIR FRAME MECH. & RELATED RMS - DETAILS

DATE JAN 7 '72
DRAWN
DWG. NO. A16
JOB NO. 67-1 R

PRINTED ON DIEMO NO. 1000H CLEARPRINT 1-70



ROOM ELEVATIONS SCALE ⅛"=1'-0"



FLOOR PLAN SCALE ¼"=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
84859 MAR 17 1972
APPL. NO. PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
SEP 20 1972

CONSULTANTS

DELP W. JOHNSON, POOLE & STORM, A.I.A. — LILLIS & SMITH, A.I.A.
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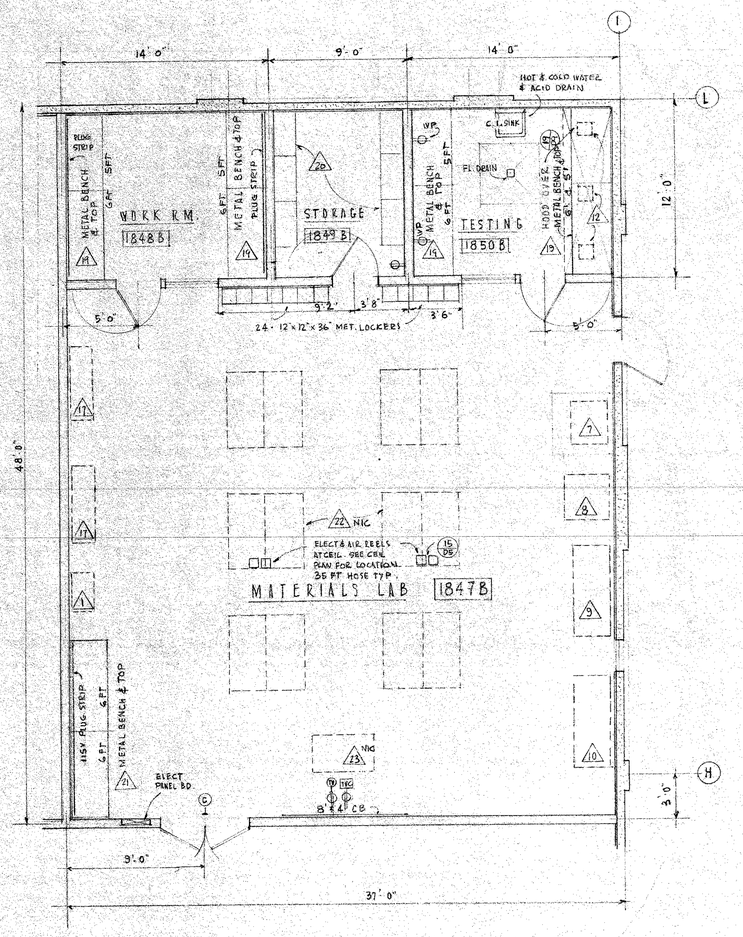
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

VOCATIONAL BUILDINGS 1800
CLASS RM BLDG 1800 B
GRAPHIC ARTS LAB - RM'S. 1820 B THRU 1842 B

DATE JAN 7 72
DRAWN
DWG. NO. A17
JOB NO. 67-1R

PRINTED ON DIEPO NO. 1000N CLEARPRINT 3-70

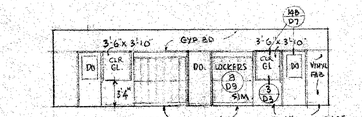


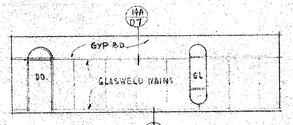
FLOOR PLAN SCALE 1/4"=1'-0"

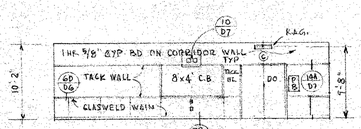
△ EQUIPMENT IN CONTRACT W/ ITEM NO

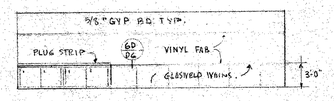
△ PORTABLE EQUIPMENT NOT IN CONTRACT W/ ITEM NO

REFER TO EQUIPMENT SCHEDULE A-21 & SPECS.

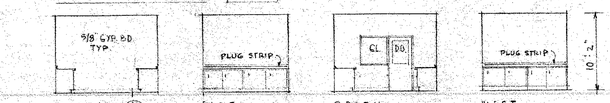




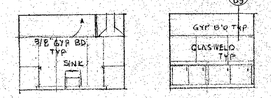


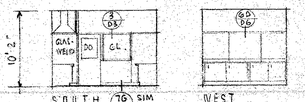


MATERIALS LAB 1847B

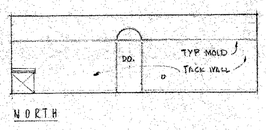


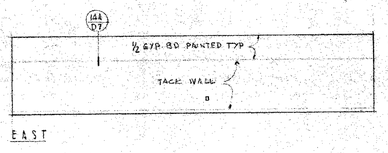
WORK ROOM 1848B

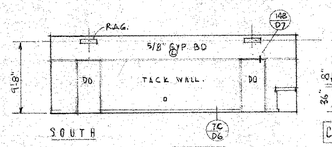


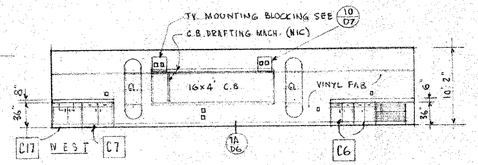


TESTING 1850B

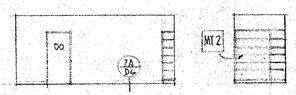


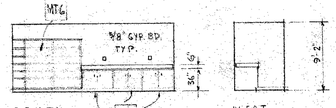






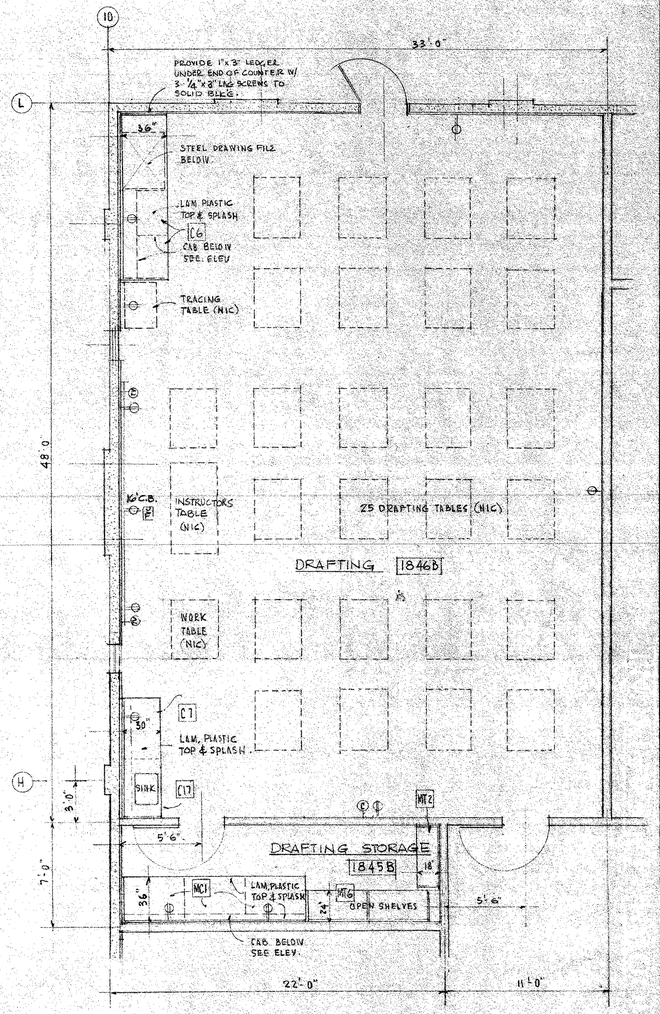
DRAFTING 1846B





DRAFTING STORAGE 1845B

ROOM ELEVATIONS SCALE 1/8"=1'-0"



FLOOR PLAN SCALE 1/4"=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
34859 MAR 17 1972
APPL. NO. PER PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 25 1972

CONSULTANTS

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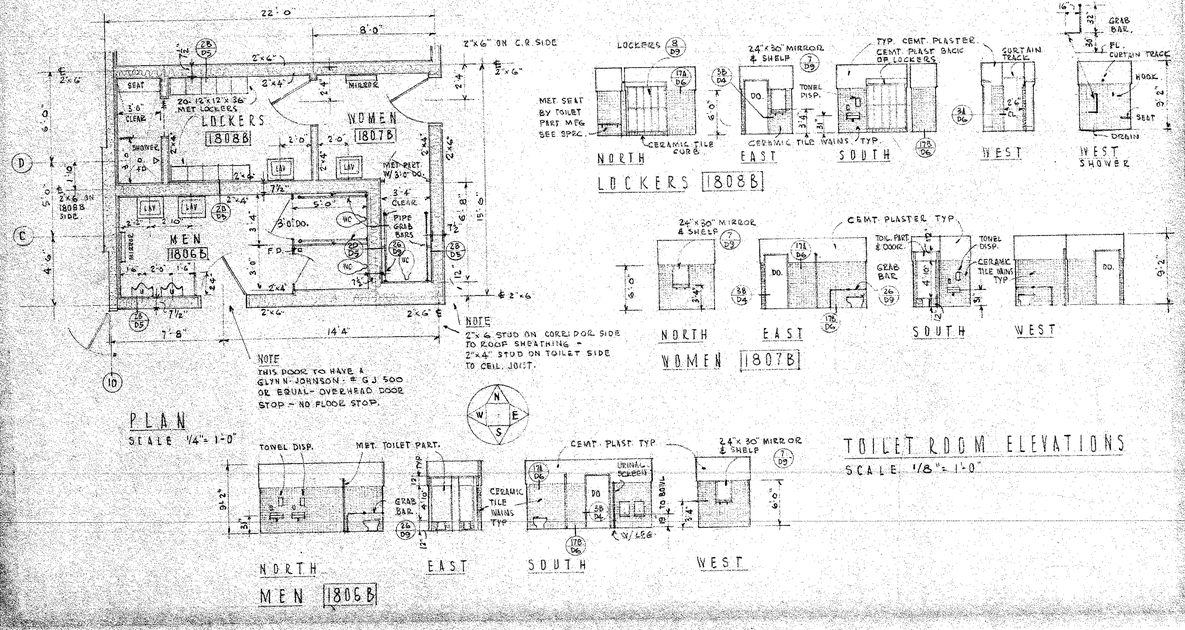
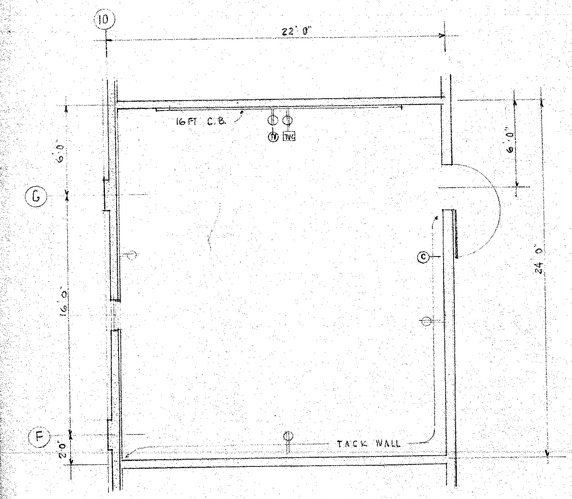
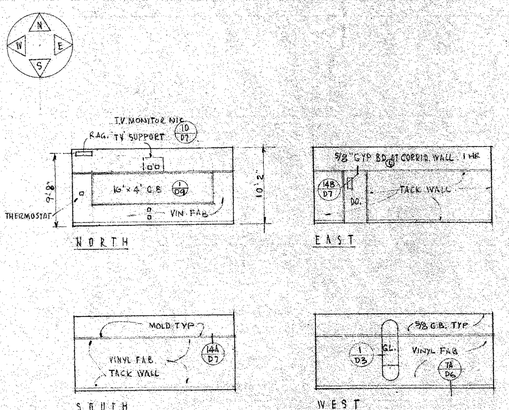
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
[redacted] ARCHITECT [redacted] OWNER [redacted] CONTRACTOR

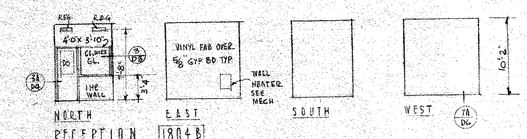
VOCATIONAL BUILDINGS 1800
CLASS RM. BLDG 1800B
DRAFTING 1846B & MATERIAL LAB 1847B

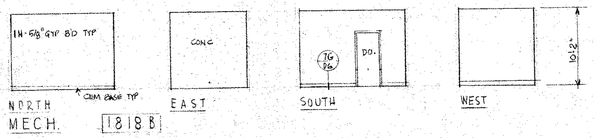
DATE JAN 7 72
DRAWN
DWG. NO. A18
JOB NO. 67 1 R

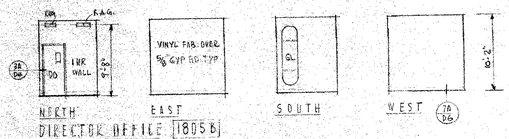


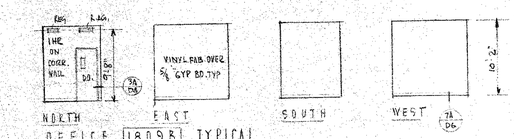












OFFICES 1810B THRU 1817B SIMILAR

ELEVATION DETAILS
SCALE 1/8"= 1'-0"
SEE DRAWING A-3 FOR PLANS
FOR CORRIDOR 1800B THRU 1803B SEE CORRIDOR 1827B & 1829B ON A17 FOR TYP DETAILS.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 20 1973
APPROVED MAR 27 1973
34859
APPL. NO.
PRIN. STR. ENGR.

APPROVED
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STATE OF CALIFORNIA
FEB 20 1973

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BUILDING 1800B
ROOM DETAILS - CLASS RMS. - TOILETS & OFFICES

DATE JAN 7 '72
DRAWN
DWG. NO. A19
JOB NO. 67-1R

PRINTED ON DIEPO NO. 100H CLEARPRINT

EQUIPMENT SCHEDULE — MACHINE SHOP 1801A

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
MACHINE SHOP 1801A TOOL RM 1803	1	2	AIR COMPRESSOR	●	●	●	SEE PLUMBING WORK										●	IN PLUMBING WORK
	2	1	ARBOR PRESS	N.I.C.	—	—												
	3	1	BENCH, FOREMAN	N.I.C.	—	—												
	4,5	10	VISE, MACHINISTS	N.I.C.	—	—												
	6	10	BENCH, MACHINE	N.I.C.	—	—												
	7	1	DRILL PRESS 15"	●	●	●						3/4	208	3			●	
	8	1	DRILL PRESS 20"	●	●	●						1	208	3			●	
	9	1	DRILL, RADIAL	●	●	●						3 1	460 115	3 1		●	●	115V RECEPT FOR COOLANT PUMP
	10	1	HYDRAULIC BOOM	N.I.C.	—	—												
	11	1	DRILL, 15"	●	●	●						1/3	115	1		●	—	
	12	1	GRINDER, TOOL	●	●	●						1/2	208	3		●	—	
	13	1	GRINDER, 10" PED.	●	●	●						1	208	3			●	
	14	1	GRINDER, SURFACE	●	●	●						1	230/460 115	3 1			●	
	15	6	LATHE, 13"	●	●	●						3	208	3			●	
	16	3	LATHE, 9"	●	●	●						1/2	208	3			●	
	17	1	HOR. MILLING MACH.	●	●	●						3/4	208	3			●	
	18	1	VERT. MILLING MACH.	●	●	●						1	230/460 115	3 1		●	●	115V. RECEPT. ALSO SERVES 17
	19	1	POWER HACK SAW	●	●	●						3/4	208	3			●	
	20-41		PORTABLE TOOLS	N.I.C.	—	—												
	42	27	TABLE T ARM CHAIRS	N.I.C.	—	—												
	43	9	WALL BENCH & TOP	●	—	●												60"W x 30"D x 33" H
	44	1	WALL BENCH & TOP	●	—	●												72"W x 30"D x 33" H
	45	2	ISLAND BENCH & TOP	N.I.C.	—	—												72"W x 30"D x 33" H
	46	1	ELECTRIC DISCHARGE	●	—	●							115	1	20	●	—	48"W x 34"D x 108"H
	47	4	BAR STOCK RACK	●	—	●												36"W x 24"D x 87"H
	48	3	OPEN STORAGE UNIT	●	—	●												37½"W x 12"D x 84"H
	49	2	OPEN METAL SHELVES	●	—	●												43"W x 18"D x 65"H.
	50	1	METAL SAFETY CAB.	●	—	●												48"W x 30"D x 32"H.
	51	1	INSTRUCTOR BENCH	N.I.C.	—	—												

EQUIPMENT SCHEDULE — WELDING LAB. 1807A

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
WELDING LAB. 1807A STORAGE 1808A TOOL R.M. 1805A	1A	4	WELDING MACH. CORD WIRE	●	●	●						—	460	3	42	●	—	SPECIAL WELDING RECEPTACLE
	1	1	WELDING MACH. SAM 400	●	●	●			●			—	460	3	42	●	—	SPECIAL WELDING RECEPTACLE
	3	10	WELDING MACH. STICK	●	●	●						—	460	3	30	●	—	SPECIAL WELDING RECEPTACLE
	4	4	WELDING MACH. M.I.G.	●	●	●						—	460	3	15	●	—	SPECIAL WELDING RECEPTACLE
	5	4	WIRE FEED ASSEMBLY	●	●	●							115	1				ACCESSORY TO ITEM
	6	1	WIRE FEED ASSEMBLY	●	●	●							115	1				ACCESSORY TO ITEM
	7	1	WIRE FEED ASSEMBLY	●	●	●		●					115	1				ACCESSORY TO ITEM
	8	4	WELDING MACH. T.I.G.	●	●	●		●					460 115	1	30			SPECIAL WELDING RECEPTACLE
	9	2	PORTABLE CUTTING MACH	●	—	●					●	—	115	1				
	10	12	WELDING – CUTTING OUTFIT	N.I.C.	—	—												ACCESSORY
	11	2	HEAVY DUTY CUTTING OUTFIT	N.I.C.	—	—												ACCESSORY
	12	2	ELECTRODE OVENS	N.I.C.	—	—						1000 WATTS	120	1		●	—	
	13	2	GRINDER 7"	●	—	●							115	1		●	—	PORTABLE
	14	1	GRINDER-PEDESTAL 10"	●	●	●						1	208	3			●	
	15	1	GRINDER-PEDESTAL	●	●	●						2	208	3			●	
	16	1	POWER HACK SAW	●	●	●						3/4	208	3			●	
	17	1	PORTABLE BENCH	N.I.C.	—	—												
	18-20		PORTABLE DRILLS	N.I.C.	—	—							115	1		●	—	PORTABLE
	21	24	TABLET ARM CHAIRS	N.I.C.	—	—												
	22	1	GUIDED BEND TESTER	N.I.C.	—	—												PORTABLE
	23	1	TENSILE TESTER	N.I.C.	—	—												PORTABLE
	24	1	HYDRAULIC SHEAR	N.I.C.	—	—												PORTABLE
	25	1	INDUSTRIAL VACUUM	N.I.C.	—	—						2½	115	1	11.5	●	—	
	26	5	GAS WELDING STATIONS	●	●	●					●							BOTTLED GAS
	27	1	DRILL PRESS, 15"	●	●	●						3/4	208	3			●	
	28	1	BENCH – ISLAND INCL. TOP	N.I.C.	—	—												72"W x 30"D x 33"H.
	29	3	METAL WARDROBE CABINET	●	—	●												36"W x 18"D x 78"H
	30	4	OPEN SHELVING METAL	●	—	●												36"W x 24"D x 87"H
	31	1	HEAVY DUTY STEEL RACKS	●	—	●												72"W x 36"D
	32	1	BENCH-WALL INCL. TOP	●	—	●												60"W x 30"D x 33"H
	33	2	CUTTING TABLE	N.I.C.	—	—												72"W x 30"
	34	1	OPEN METAL BOOK SHELVES	●	—	●												37½"W x 12"D x 84½"H
	35	1	BAR STOCK RACK – METAL	●	—	●												48"W x 36"D x 108"H
	36	1	LAYOUT TABLE	N.I.C.	—	—												60"W x 60"D

PORTABLE

EQUIPMENT SCHEDULE — AUTO MECHANICS LAB. 1810A

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
AUTO MECHANICS 1810A INSTRUMENT RM. 1811A STORAGE 1812A TOOL RM. 1813A	1	1	ENGINE STAND	N.I.C.	—	—												PORTABLE
	2	1	PARTS WASHER	N.I.C.	—	—						1/3	115	1	—	●	—	PORTABLE
	3	1	AUTO AIR CONDIT. TEST EQUIP.	N.I.C.	—	—												PORTABLE
	4	1	WHEEL ALIGN. RACK	N.I.C.	—	—												
	5	1	VALVE RESURFACER	N.I.C.	—	—						1/2	115	1	—	●	—	BENCH TOOL
	6	1	VALVE SEAT GRINDER	N.I.C.	—	—						1/3	115	1	—	●	—	BENCH TOOL
	7	1	AUTOMOTIVE LIFT 2-POST	●	●	●			●									SEE ALSO PLUMBING
	8	2	AUTOMOTIVE LIFT 1-POST	●	●	●			●									SEE ALSO PLUMBING
	9	1	TRANSMISSION JACK	N.I.C.	—	—												PORTABLE
	10	1	WASHER & CLEANER, STEAM	N.I.C.	—	—						1/2	115	1	—	●	—	PORTABLE
	11	1	BATTERY CHARGER	N.I.C.	—	—							115	1	—	●	—	PORTABLE
	12	5	TOOL PANEL	●	—	●												
	13	4	HYDRAULIC JACK	N.I.C.	—	—												PORTABLE
	14	12	SAFETY STANDS	N.I.C.	—	—												PORTABLE
	15	1	H.PRESS LUBRIGUN	N.I.C.	—	—			●									PORTABLE-AIR COUPLER
	16	1	GEAR LUBE DISPEN.	N.I.C.	—	—			●									PORTABLE-AIR COUPLER
	17	1	DRAINMOBILE	N.I.C.	—	—												PORTABLE
	18	1	TIRE CHANGER	N.I.C.	—	—												
	19	1	HYDRAULIC CRANE	N.I.C.	—	—												PORTABLE
	20	1	HAND OPERATED PRESS	N.I.C.	—	—			●									
	21 THRU 28		MISC. PORTABLE TOOLS	N.I.C.	—	—							115	1	—	●	—	
	29	1	DRILL PRESS 15"	●	●	●						3/4	280	3	—	●		
	30	1	ENGINE ANALYZER	N.I.C.	—	—												PORTABLE
	31 THRU 36	1 ea.	AUTOMOTIVE TEST EQUIPMENT	N.I.C.	—	—							115	1	—	●	—	PORTABLE
	37	1	WHEEL BALANCER	●	●	●							115	1	—	●	—	
	38	1	BRAKE SHOP	N.I.C.	—	—							115	1	—	●	—	PORTABLE
	39	2	TORQUE WRENCH	N.I.C.	—	—												
	40	12	BENCH WITH STOOLS	N.I.C.	—	—												60"W x 30"D x 32"H.
	41	1	METAL SAFETY CABINET	●	—	●												43"W x 18"D x
	42	1	GRINDER, PEDESTAL	●	●	●						1	208	3	—	—	●	
	43	1	INSTRUCTOR DEMO. BENCH	N.I.C.	—	—												48"W x 30"D x 32"H
	44	2	METAL BOOK CASE	●	—	●												37½"W x 12"D x 84"H.
	45	1	ASSEMBLY WALL BENCH & TOP	●	—	●												PRE FIN. NO CHG.
	46	1	WALL CABINET ASSEMBLY	●	—	●												PRE FIN. NO CHG.
	47	4	MET. WALL BENCH WITH GALV. TOP	●	—	●												72"W x 30"D x 33"H
	48	3	MET. WALL BENCH WITH GALV. TOP	●	—	●												CO"W x 30"D x 33"H
	49	1	WASTE OIL RECEPTOR	●	●	●												SEE PLUMBING

EQUIPMENT SCHEDULE — AUTO BODY & PAINT LAB. 1817A

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
AUTO BODY & PAINT 1817A PAINT BOOTH 1818A STORAGE 1819A TOOL R.M 1820A	1	1	WELDER	N.I.C.	—	—						—	230	1	37	●	—	PORTABLE
	2	1	WELDER-ACETYLENE	N.I.C.	—	—												PORTABLE
	3	1	WRENCH-AIR IMPACT	N.I.C.	—	—			●									PORTABLE
	4	1	PNEUMATIC AIR CHISEL	N.I.C.	—	—			●									PORTABLE
	5	4	SPOT DRYING LAMPS	N.I.C.	—	—							115	1				PORTABLE
	6	12	DUSTING GUNS	N.I.C.	—	—			●									PORTABLE
	THIRD 11		AIR SPRAY EQUIP & TOOLS	N.I.C.	—	—												PORTABLE
	12	1	GRINDER, PEDESTAL	●	●	●						½	208	3	—	—	●	
	13 THRU 22		PORTABLE TOOLS	N.I.C.	—	—							115	1	—	●	—	
	23		OMITTED															
	24	1	PAINT SPRAY BOOTH 12'6"W x 9'-2"D x 9'-8"H	●	●	●												EXHAUST FAN SEE MECHANICAL
	25	4	DISC SANDER	N.I.C.	—	—							115	1	—	●	—	PORTABLE
	26	4	TOOL PANEL	●	—	●												
	27	1	PORTABLE CRANE	N.I.C.	—	—												PORTABLE
	2ND FLOOR		PORTABLE EQUIPMENT	N.I.C.														
	31	12	BENCHES	N.I.C.	—	—												
	32	32	STOOLS	N.I.C.	—	—												
	33	1	DRILL PRESS-15	●	●	●						3/4	208	3			●	
	34	1	BOOK CASE	●	—	●												
	35	1	WALL BENCH ASSEMBLY	●	—	●												PRE FIN. NO CHG.
	36	1	WALL CAB. ASSEMBLY	●	—	●												PRE FIN. NO CHG.
	37	2	FIRE PROOF CABINET	●	—	●												
	38	1	WALL BENCH & TOP	●	—	●												
	39	2	WALL BENCH & TOP	●	—	●												

NOTE
SEE LARGE SCALE PLANS A-11 THRU A-14 FOR EACH SHOP FOR LOCATION AND EXTENT OF EQUIPMENT SHOWN.

STATE OF CALIF. – DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPL. NO. 34559 MAR 17 1972
PER _____ PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
_____ FEB 28 1972

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
SHOP BUILDING 1800A
EQUIPMENT SCHEDULE

DATE JAN 7'72
DRAWN
DWG. NO. A20
JOB NO. 67-IR

PRINTED ON DIEPO NO. 1000N CLEARPRINT 5-67

EQUIPMENT SCHEDULE

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER

EQUIPMENT SCHEDULE — MATERIALS LAB. 1847B

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
TESTING 1850S	1	1	UNIVERSAL TESTING MACH.	N.I.C.	—	●												
	2	1	HARDNESS TESTER	N.I.C.	—	—												PORTABLE
	3	1	HARDNESS TESTER	N.I.C.	—	—												PORTABLE
	4	1	MICROSCOPE	N.I.C.	—	—												PORTABLE
	5	1	SCLEROSCOPE	N.I.C.	—	—												PORTABLE
	6		TEST BLOCKS	N.I.C.	—	—												PORTABLE
STORAGE 1846B	7	1	METALLOGRAPHIC CUT-OFF MACHINE	N.I.C.	●	●	—	—	—	—	—	3 HP	230	3	—	●	—	
	8	1	DISC GRINDER	N.I.C.	●	●	—	—	—	—	—	1 HP	230	1	—	●	—	
	9	1	3-UNIT FINE GRINDER	N.I.C.	●	●	—	—	●	—	—		115	1	—	●	—	
	10	1	3-UNIT POLISHING MACH.	N.I.C.	●	●	—	—	—	—	—		115	1	—	●	—	
	11		ACCESSORIES	N.I.C.														
WORK RM 1849B	12	3	ELEC. 0°–2500° FURNACES	N.I.C.	—	—	—	—	—	—	—	1.5 KW	230	6.3	●	—	—	
	13	1	MAGNETIC NON-DESTRUCTIVE TESTER	N.I.C.	—	—	—	—	—	—	—		115		●	—	—	PORTABLE
	14	6	REFRIGERATION TOOL KIT	N.I.C.	—	—												
	15	1	CONC. TESTING LAB. A.S.T.M. STDS.	N.I.C.	—	—												
	16	2	REFRIG. & AIR CONDIT. TEST EQUIP.	N.I.C.	—	—	—	—	—	—	—		115	1	—	●	—	
	17	2	REFRIG. & AIR CONDIT. TRAINING UNIT	N.I.C.	—	—	—	—	—	—	—		115	1	—	●	—	
MATERIALS LAB 1847B	18		(OMIT)															
	19	4	BENCH ASSEMBLY	●	—	●												
	20	6	METAL SHELVING	●	—	●												
	21	1	BENCH ASSEMBLY	●	—	●												
	22	12	BENCH	N.I.C.	—	—												
	23	1	BENCH	N.I.C.	—	—												

EQUIPMENT SCHEDULE — AIR POWER LAB. 1821A

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
AIR POWER TOOL RM. 1823A	1	12	WORK BENCH AND STOOLS	N.I.C.	—	—												
	2	4	ENGINE STAND	N.I.C.	—	—												PORTABLE
	3	1	PEDESTAL GRINDER	●	●	●			—	—	—	½	208	3	—	●	—	
	4	12	VISES, MACHINIST	N.I.C.	—	—												PORTABLE
	5	1	VALVE SEAT GRINDER	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	6	1	VALVE REFACER GRINDER	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	7	1	CYLINDER HONE	N.I.C.	—	—												PORTABLE
	8		OMIT															
	9	1	SPRAY BOOTH	●	●	●	—	—	●	—	—	—	115	1	—	●	—	SEE MECH FOR DUCT WORK & FAN
	10	1	MAGNAFLUX UNIT	N.I.C.	—	—						—	115	1	—	●	—	
	11	3	PORTABLE TOOL CAB	N.I.C.	—	—												
	12		OMIT		—	—												
	13	1	OMIT		—	—												
STORAGE 1824A	14	1	DRYING OVEN, PLASTIC	N.I.C.	—	—						1600 W	230	1	—	●	—	
	15		OMIT		—	—												
	16	8	REPAIR BENCHES	N.I.C.	—	—						—	—	—	—	—	—	
	THRU 24		PORTABLE TOOLS	N.I.C.	—	—			½			—	—	—	—	—	—	AIR FOR IMPACT WRENCH
	25	2	IGNITION COIL & CONDENSER TESTER	N.I.C.	—	—						—	115	1	—	●	—	
	26	2	MAGNETO TESTER	N.I.C.	—	—						—	115	1	—	●	—	
	27	2	WORK BENCH	N.I.C.	—	—												
	28	1	GENERATOR AND REGULATOR TEST STAND	N.I.C.	—	—						3	220	1	—	●	—	
	29	1	BATTERY SINK AND TANK	●	●	●	—	●	—	●	—							SEE PLUMBING WORK
	30		OMIT															
	31	2	TUBE CUTTING & FLARING TOOL	N.I.C.	—	—												
	32	4	STORAGE CABINETS	●	—	●												
	33		OMIT															
	34	1	DRILL PRESS	●	●	●						¾	208	3	—	●	—	
	35	1	DE-GREASER CLEANER-WASHER	N.I.C.	—	—						—	115	1	—	●	—	
	36	5	WALL BENCH & TOP	●	—	●												
	37	1	INSTRUCTORS BENCH	N.I.C.	—	—												
	38	5	TOOL PANEL	●	—	●												
	39	2	BOOK CASE	●	—	●												
	40	1	WASTE OIL RECEPTOR	●	●	●												SEE PLUMBING WORK
	41	1	WALL BENCH & TOP	●	—	●												

EQUIPMENT SCHEDULE — AIR FRAME MECH. LAB. 1829

ROOM	ITEM NO.	QUANTITY	DESCRIPTION	IN CONTRACT ● NIC – NOT IN CONT	UTILITY HOOKUP IN CONTRACT	INSTALLATION IN CONTRACT	PLUMBING REQUIREMENTS: HOT WATER	COLD WATER	AIR	WASTE	GAS	ELECTRICAL REQUIREMENTS: HORSE POWER	VOLTAGE	PHASE	AMPS	PLUG FOR RECEPTACLE	WIRED CONNECTION	OTHER
AIR FRAME MECH. TOOL RM 1829A	1	13	WORK BENCHES AND STOOLS	N.I.C.	—	—												
	2	12	METAL VISES	N.I.C.	—	—												PORTABLE
	3		(OMITTED)		—	—												
	4	1	HAND BRAKE & BAR FOLDER	N.I.C.	—	—												
	5	1	HEAT TREAT FURNACE	N.I.C.	—	—						1510 WATTS	230	1	6.9	●	—	
	6		(OMITTED)		—	—												
	7	1	BAND SAW	●	●	●						¾	208	3	—	—	●	
	8	1	NOTCHER SHEAR-BENDER	N.I.C.	—	—												
	9	2	DISC SANDER	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	10	2	FORMING ROLLS	N.I.C.	—	—												
	11	1	ROTARY MACHINE	N.I.C.	—	—												
	12	1	SPOT WELDER	●	●	●						14 KVA	208	3	—	●	—	
	13	1	PEDESTAL GRINDER	●	●	●						½	208/115	1	—	—	●	
	14	1	HAND PUNCH	N.I.C.	—	—												PORTABLE
	15	1	HOLDER & STAKE SET	N.I.C.	—	—												
	16	4	PORTABLE BENCH AND TOOL CABINET	N.I.C.	—	—												PORTABLE
	17	1	DRILL PRESS	●	●	●						½	208	3	—	—	●	
	18	1	ROUTER, PORTABLE	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	19	1	JOINTER 8"	●	●	●						¾	208	3	—	—	●	
	20	3	SHEET METAL WORK BENCHES	N.I.C.	—	—												
	21	3	WOOD VISES	N.I.C.	—	—												
	22	1	BELT SANDER	●	●	●						1	208	3	—	—	●	
	23	1	HYDRAULIC POWER TRAINER	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	24	1	PNEUMATIC POWER TRAINER	N.I.C.	—	—						—	115	1	—	●	—	PORTABLE
	25	3	AIRCRAFT WEIGHING SCALES	N.I.C.	—	—												PORTABLE
	26	1	TILTING ARBOR SAW	●	●	●						2	208	3	—	—	●	
	27	1	INDUSTRIAL VACUUM	N.I.C.	—	—						2¼	115	1	11.5	●	—	
	28	1	SEWING MACHINE	N.I.C.	—	—						—	115	1	—	●	—	
	29	2	LAYOUT TABLE	N.I.C.	—	—												
	30	1	DRAFTING MACH.	N.I.C.	—	—												
	31	1	BRAKE BLEEDER	N.I.C.	—	—												PORTABLE
	32 THRU 33		PORTABLE TOOLS	N.I.C.	—	—												
	34	1	BAR STOCK RACK – METAL	●	—	●												
	35 THRU 39		PORTABLE TOOLS	N.I.C.	—	—												
	40	1	DUST COLLECTOR	●	●	●						2	220/440	3	—	—	●	SEE MECH FOR DUCT WORK
	41	1	HYDRAULIC CRANE	N.I.C.	—	—												PORTABLE
	42 THRU 44		PORTABLE TOOLS	N.I.C.	—	—						—	115	1	—	●	—	
	45	1	INSTRUCTORS BENCH	N.I.C.	—	—												
	46	2	OPEN MET. SHELVES BOOK CASE	●	—	●												
	47	1	BENCH ASSEMBLY	●	—	●												PRE. FIN. WD. CAB.
	48	1	WALL CAB. ASSEMBLY	●	—	●												PRE FIN. WD. CAB.

NOTE
SEE LARGE SCALE PLANS A-15, A-16 & A-18 FOR EACH SHOP FOR LOCATION & EXTENT OF EQUIPMENT SHOWN

STATE OF CALIF. – DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 '72
APPROVED MAR 17 1972
84859
APPL. NO. PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 1972

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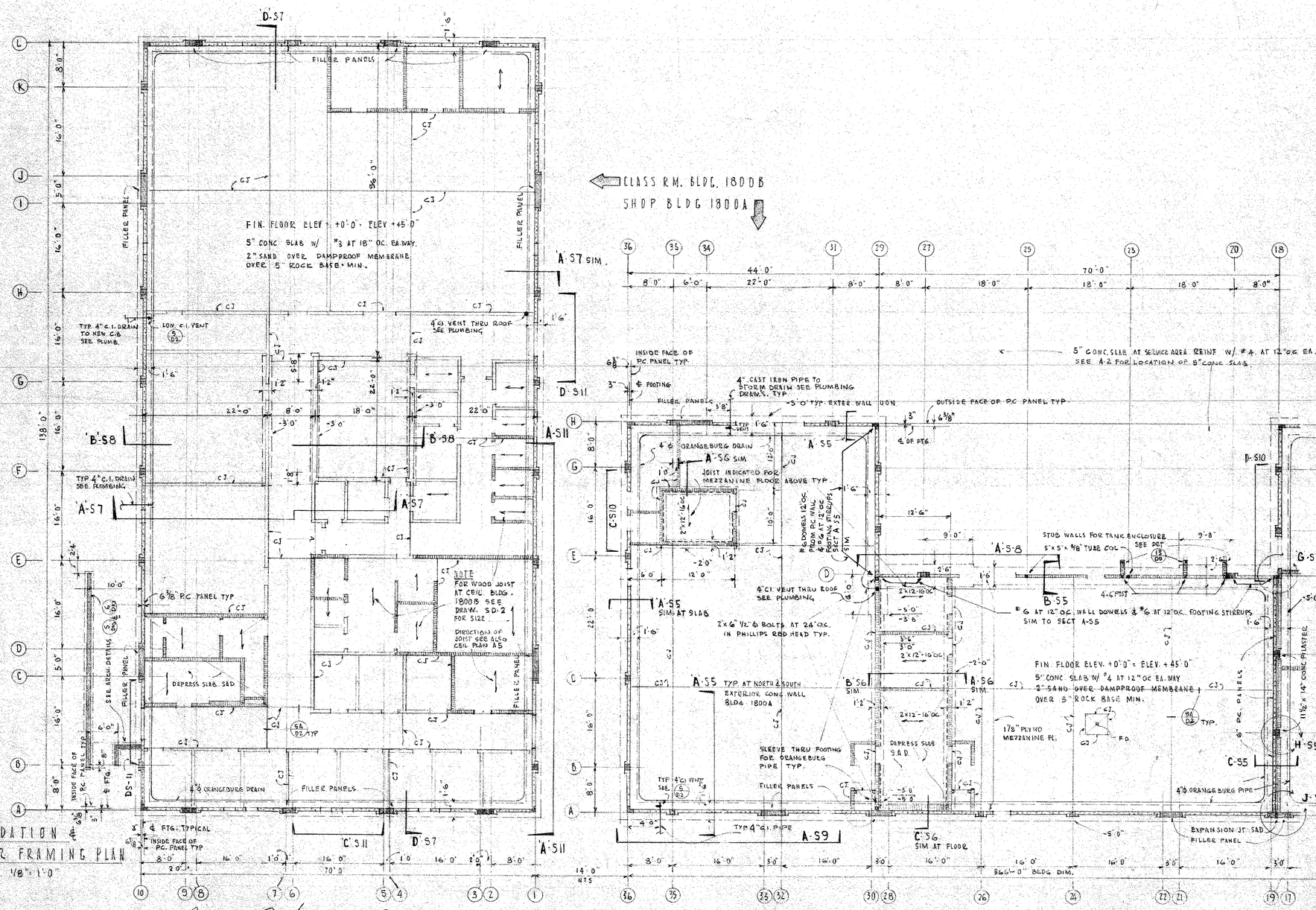
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

VOCATIONAL BUILDINGS 1800
SHOP BUILDING 1800A
EQUIPMENT SCHEDULE

DATE JAN. 7 '72
DRAWN
DWG. NO. A 21
JOB NO. 67-12

PRINTED ON DIEPO NO. 10005 CLEARPRINT V-87



NOTES CONTINUED

14 ELEVATION THUS ← -5'0" INDICATES ELEVATION OF BOTTOM OF FOOTING

15 ELEVATION THUS -5'0" / -5'6" INDICATES ELEVATION EACH SIDE OF STEPPED FOOTING

16 PROVIDE NO 4 DOWELS AT 18" OC AT ALL EXTER WALLS ADJOINING EXTERIOR SLABS ON GRADE

17 2"x12" @ 16" INDICATES 2"x12" JOIST - 16" OC AT MEZZANINE FLOOR ABOVE TYP BLDG A

18 FOR SOIL REPORT SEE NOTES ON SD-1 AND DRAWING A-1

19 FOR CEILING JOIST IN BLDG 1800B SEE ARCHITECTS CEIL. PLAN A-5 AND SCHEDULE OF JOIST SIZES ON SD-2

20 AT ALL STUD WALLS IN BUILDING 1800A INSTALL 2"x10" CONT. HORIZ. BLOCKING BETWEEN STUDS AT +3'-0" AND +7'-0" ON ROOM FACE OF WALL FOR FUTURE HANGING OF EQUIPMENT.

21 C.J. INDICATES LOCATION OF CONSTRUCTION JOINTS - ALSO LOCATE C.J.'S AT INTER. PARTITIONS WHERE SHOWN & ALONG SIDE CURB WHERE OCCUR

NOTES

1 SEE GEN. NOTES - DRAW. SD-1 & SD-2 FOR TYP. STRUCTURAL DETAILS NOT SHOWN HERE IN

2 SEE ARCH., MECH. & ELECT. DRAWINGS FOR PERTINENT INFORMATION NOT SHOWN HEREIN. VERIFY ALL ITEMS WITH RESPECTIVE TRADES PRIOR TO POURING CONCRETE FOOTINGS

3 ALL DIMENSIONS ARE TO FACE OF 6 3/8" P.C. PANELS, ℄ OF COLUMNS & ℄ OF STUD OR AS NOTED

4 +0'0" = ELEV 45.0'

5 ELEVATION OF BOTTOM OF FOOTINGS SHALL BE AT ELEV. -5'0" AND SHALL BE AT LEAST 1'-6" BELOW ADJACENT GRADE UNLESS SHOWN OTHERWISE - SEE ITEM 15 ABOVE.

6 ▭ INDICATES POURED IN PLACE CONCRETE WALLS & COLUMNS

7 ▭ INDICATES PRECAST PANELS

8 SEE ARCH., MECH., & ELECT. DRAWINGS FOR OPENINGS IN WALLS, LOCATION OF DRAINS & FLOOR SLOPES

9 ALL STUD WALLS SHALL BE 2"x6" UNLESS OTHERWISE NOTED ON ARCH. DRAWINGS

10 SLEEVE ALL INTERIOR FOOTINGS AT 10'0" OC W/ 2 1/2" ø STANDARD PIPE, GALV., AT BOTTOM ROCK BASE.

11 CONSTRUCTION JOINTS NOT SHOWN, REFER TO SPECS. & SEE DRAW. SD-1 FOR TYP DET. PLAN OF CONSTRUCTION JOINT LOCATION SHALL BE APPROVED BY THE ARCHITECT PRIOR TO FORMING

12 ▭ INDICATES CONCRETE CURB 6" HIGH UNLESS OTHERWISE SHOWN

13 ▭ INDICATES 5/8" PLYWD SHEATHING TO UNDERSIDE OF 2'-0" MEZZANINE FL

SEE NOTES 14 THRU 17 ABOVE

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPL. NO. 34859 PER [signature] PROJ. STRUC. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
MAR 17 1972
FEB 28 1972

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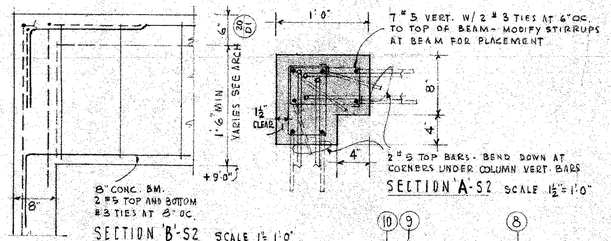
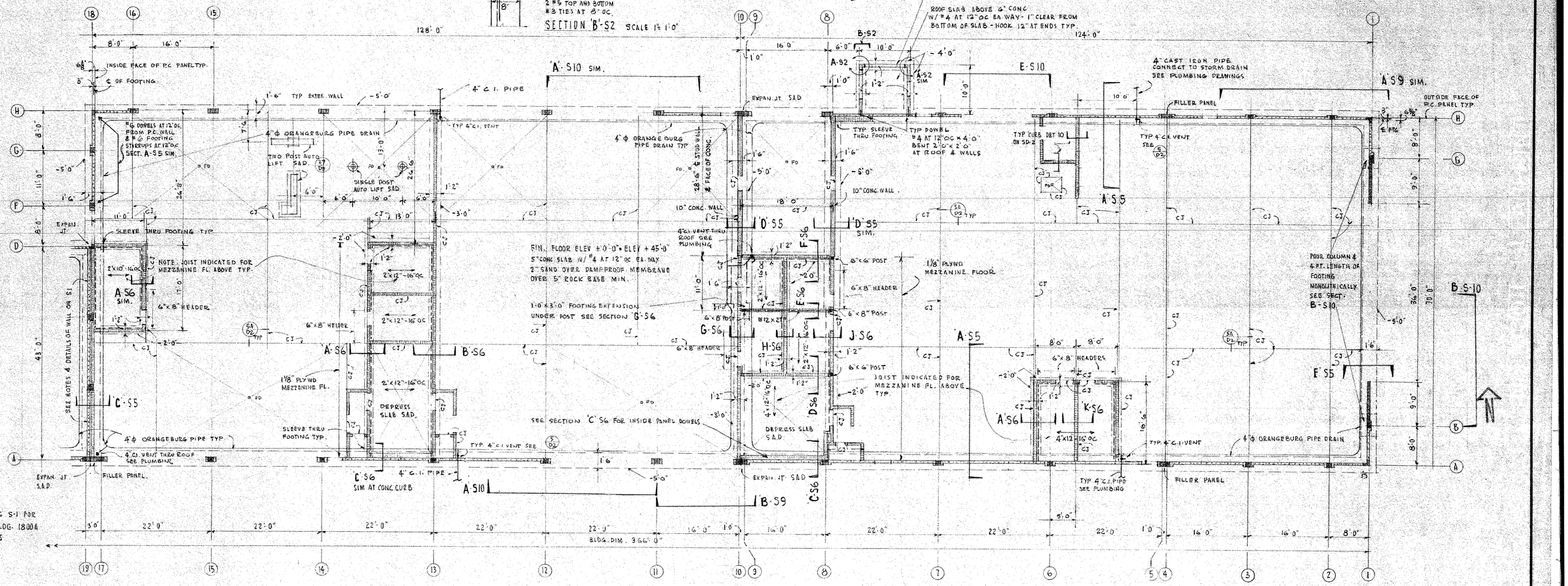
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG 1800B & PARTIAL BLDG 1800A
FOUNDATION & FLOOR FRAMING PLAN

DATE JAN 7 '72
DRAWN WD
DWG. NO. S1
JOB NO. 67-15

PRINTED ON DIETZ NO. 1000R CLEARPRINT 1-70





FOUNDATION & FLOOR FRAMING PLAN - BLDG 1800A

SEE NOTES ON S1

SCALE 1/8"=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 29 1972
APPL. NO. 84859
PER J.O. Bottjer
MAR 17 1972

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 1972

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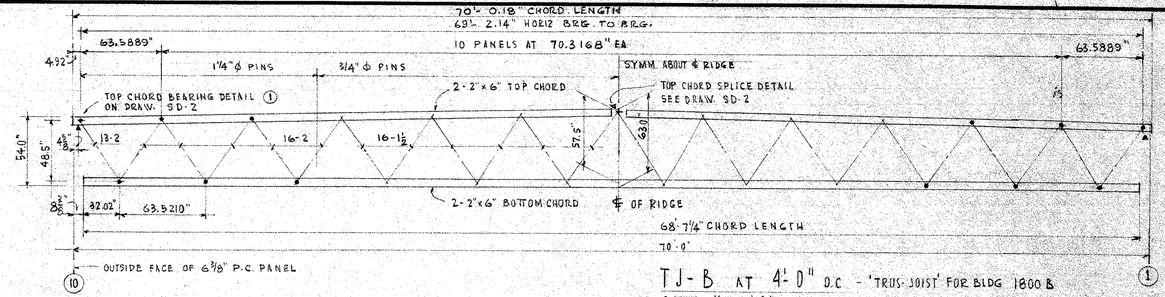
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BLDG. 1800A
FOUNDATION & FLOOR FRAMING PLAN

DATE JAN 7 72
DRAWN WP
DWG. NO. S2
JOB NO. 67-1R

PRINTED ON DIEPO NO. 1000R CLEARPRINT 1-70



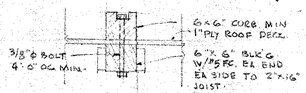
TJ-B AT 4'-0" O.C. - 'TRUS-JOIST' FOR BLDG 1800 B

SCALE ¼"= 1'-0"

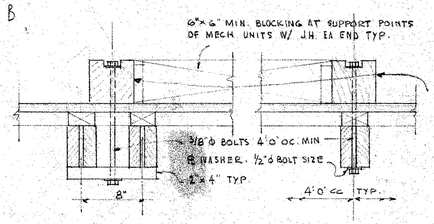
SEE TRUS-JOIST 'A-1' & 'A-2' AND 'TRUS-JOIST' NOTES ON DRAW. S-4

CLASS RM. BLDG. 1800 B

SHOP BLDG. 1800 A



SECTION B-S3 - SCALE- 1"= 1'-0"



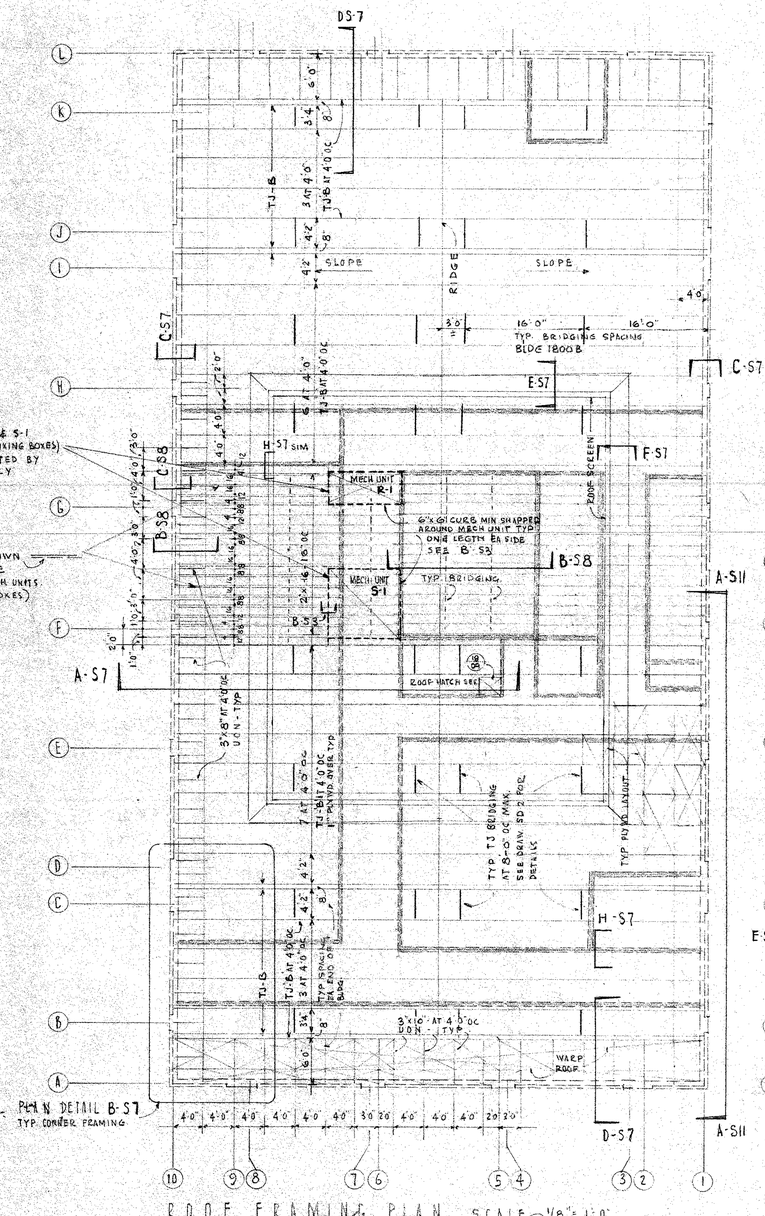
CURB - 6"x6" MIN. SHAPED ONE LENGTH OVER TJ BELOW MECH UNITS. 6"x6" SHALL EXTEND FROM TJ TOP CHORD PANEL POINT TO TJ TOP CHORD PANEL POINT. DO NOT STOP 6"x6" MIN. IN BETWEEN PANEL POINTS.

SECTION A-S3 SCALE 1½"= 1'-0"

NOTE

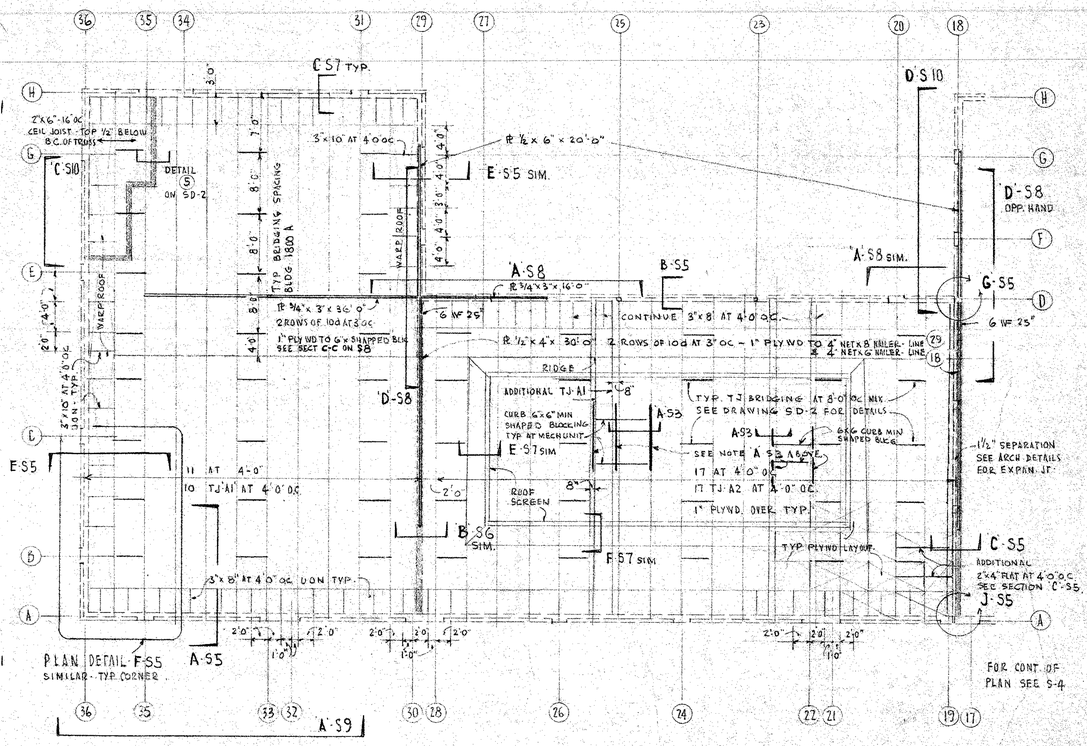
MECH. UNITS R-1 & S-1 (NOT SHEET METAL MIXING BOXES) SHALL BE SUPPORTED BY 2"x 10" JOIST ONLY

ADD JOIST AS SHOWN TO PROVIDE DOUBLE JOIST AT ALL MECH. UNITS (NOT AT MIXING BOXES)



PLAN DETAIL B-S7 TYP. CORNER FRAMING

ROOF FRAMING PLAN SCALE ⅛"= 1'-0"



PLAN DETAIL F-S5 SIMILAR - TYP. CORNER

FOR CONT. OF PLAN SEE S-4

NOTES

1. SEE GENERAL NOTES AND TYPICAL DETAILS ON DRAWING SD-1 & SD-2 FOR TYPICAL STRUCTURAL DETAILS NOT SHOWN HEREIN.
2. SEE ARCH., MECH. & ELECT. DRAWINGS FOR PERTINENT INFORMATION NOT SHOWN HEREIN. VERIFY ALL ITEMS WITH RESPECTIVE TRADES PRIOR TO FRAMING.
3. SEE FOUNDATION & FLOOR FRAMING PLAN FOR DIMENSIONS
4. INTERIOR WALLS TO BE SHEATHED W/ ⅜ PLYWD. AS INDICATED
5. ALL ROOF AREAS SHALL BE SHEATHED W/ 1" PLYWD. UNLESS OTHERWISE NOTED, SEE DRAWING SD-1 FOR TYPICAL NAILING, BLOCKING & PLYWD. SPLICE PATTERN. EDGE NAILING 10d AT 3" O.C.
6. ▨ INDICATE FULL HEIGHT STUD WALL TO ROOF
7. ▥ INDICATE FULL HEIGHT STUD WALL TO TWO 2"x6" B.C. OF TRUSS JOIST.
8. SEE ARCH DRAWINGS FOR ATTIC SEPARATION PARTITIONS
9. ALL NON BEARING STUD WALLS SHALL BE INSTALLED AFTER ROOFING IS IN PLACE
10. SEE DRAW. S-4 FOR TRUSS JOIST LAYOUTS - BLDG 1800 A
11. SEE ARCH. & MECH. DRAWINGS FOR LOCATION OF ALL OPENINGS THRU. ROOF. SEE DRAW. SD-2 FOR TYP. DETAIL
12. DOUBLE ALL SAWN JOIST AT MECH. UNITS TYP. (DO NOT DOUBLE JOIST AT SHEET METAL MIXING BOXES)

NORTH

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 '72
84959 MAR 17 1972
APPL. NO. PER. PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 29 1972

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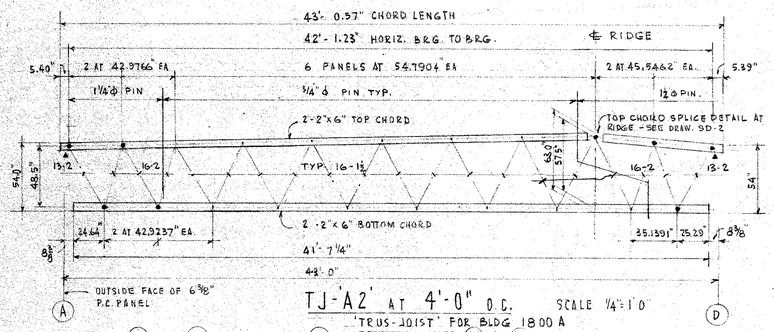
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG 1800 B & PARTIAL BLDG 1800 A
ROOF FRAMING PLAN

DATE JAN. 7 '72
DRAWN WD
DWG. NO. S-3
JOB NO. 67-12

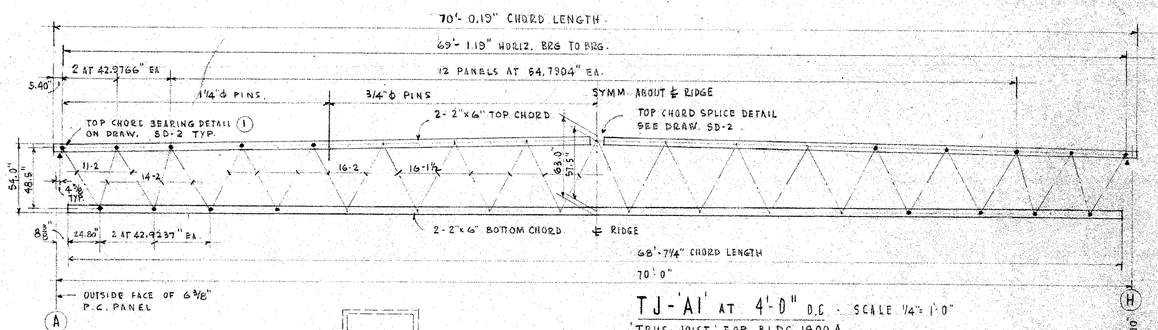
PRINTED ON OZEO NO. 1000H CLEARPRINT 1-70



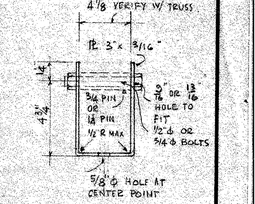
TJ-A2' AT 4'-0" O.C. SCALE 1/4"=1'-0"
'TRUS-JOIST' FOR BLDG 1800 A
BETWEEN LINES (18) & (29)

TRUSS JOIST NOTES

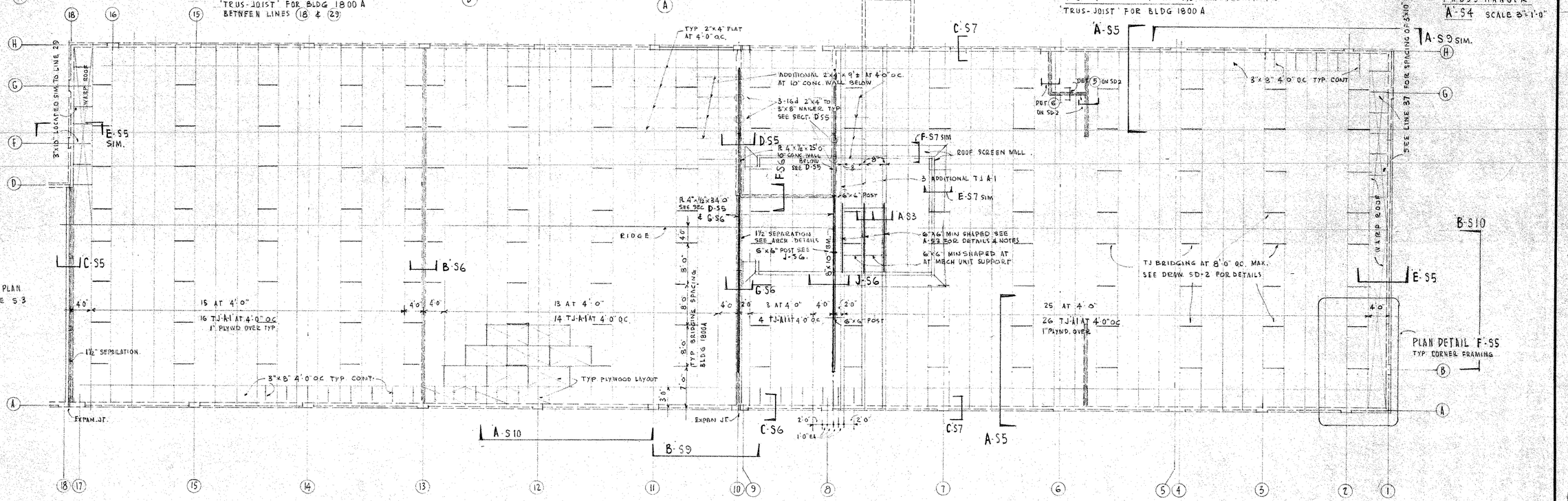
1. ▲ INDICATES TYP. BEARING CLIP. 2.5 - EA. JOIST.
2. 16-2 INDICATES 16GA x 2" ϕ WEB.
3. SEE ROOF FRAMING PLAN & DRAW. SD-2 FOR BEARING DETAILS.
4. SEE DRAW SD-2 FOR TYP TJ DETAILS
5. ALL TOP & BOTTOM CHORD SHALL BE COAST REGION DOUGLAS FIR. 2400 f MACHINE GRADED 1900 f VISUAL GRADED.
6. FOR LATERALLY STAY AT BOTTOM CHORD OF TRUSS SEE SECTION 'A' S.5 & A-S7. TYP.



TJ-A1' AT 4'-0" O.C. SCALE 1/4"=1'-0"
'TRUS-JOIST' FOR BLDG 1800 A



TRUSS HANGER
A-S4 SCALE 3"=1'-0"



ROOF FRAMING PLAN · BLDG 1800A SEE NOTES ON S-3
SCALE 1/8"=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
34859 MAR 17 1972
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PRIN. STRL. ENGR.
PRINTED ON RICO NO. 1000H CLEARPRINT 1-70

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 '72

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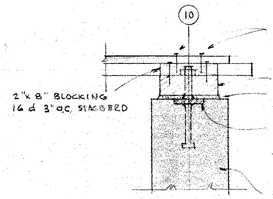
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
[redacted] ARCHITECT [redacted] OWNER [redacted] CONTRACTOR

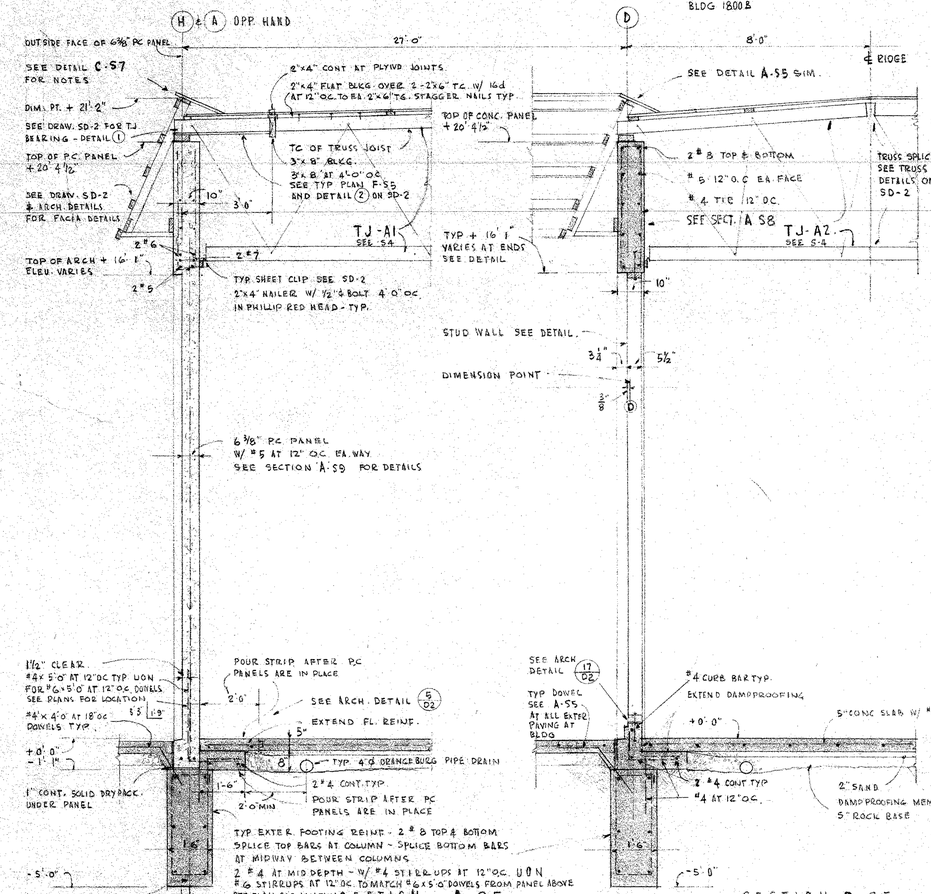
VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BLDG. 1800 A
ROOF FRAMING PLAN

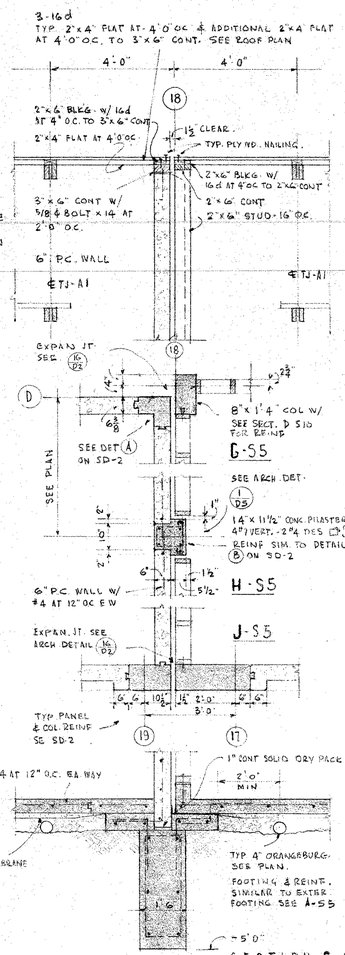
DATE JAN 7 '72
DRAWN WD
DWG. NO. S4
JOB NO. 67-1-R

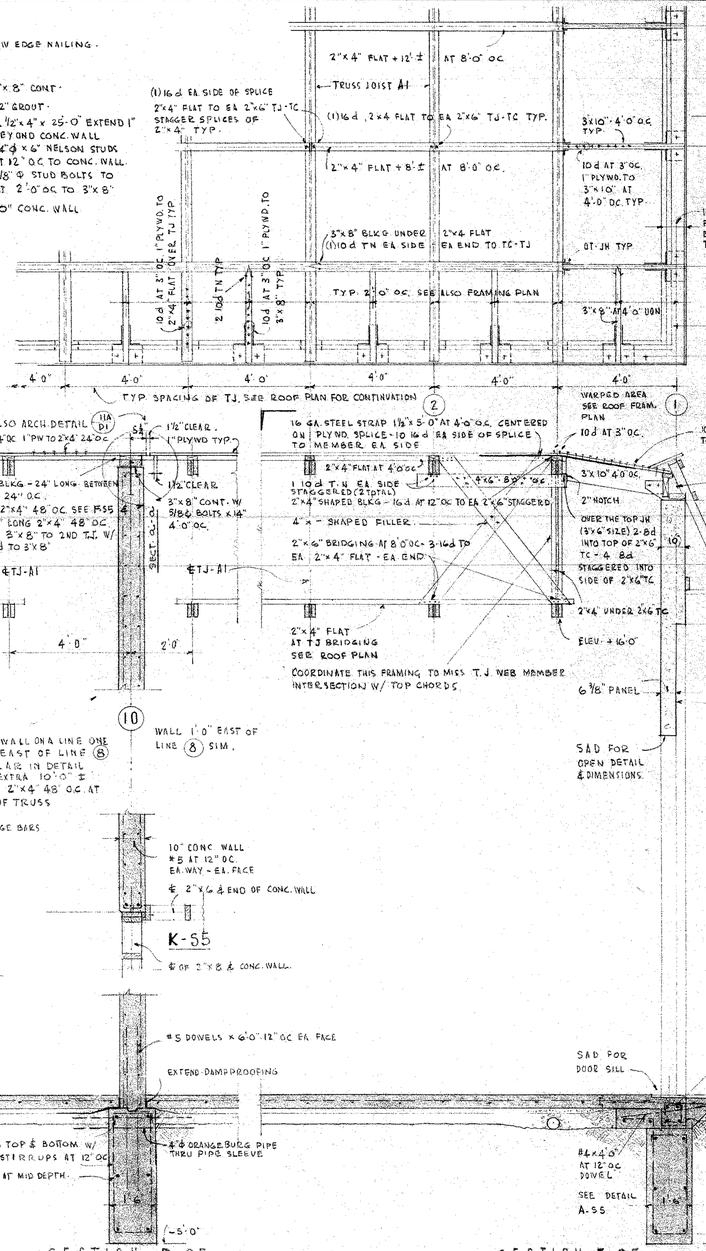


SECTION "Q"-"Q"
SCALE 1 1/2" = 1'-0"

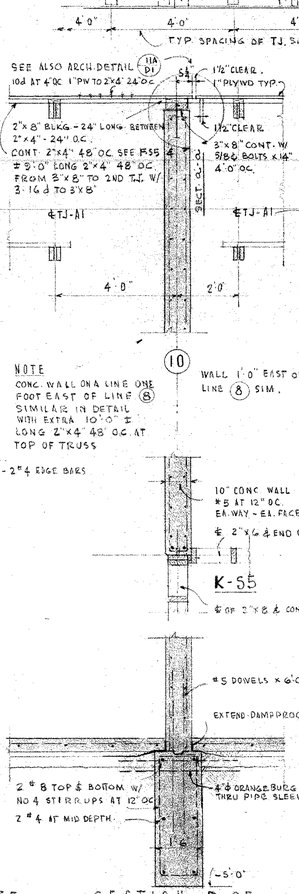
NOTE
FOR SCREEN WALL ON BLDG 1800A ROOF SEE TYP. DETAILS E-S7 & F-S7 FOR BLDG 1800B



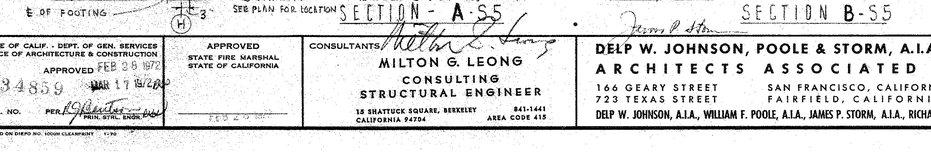




PLAN DETAIL F-S5
SCALE 1/2" = 1'-0"



F-S5 ABOVE

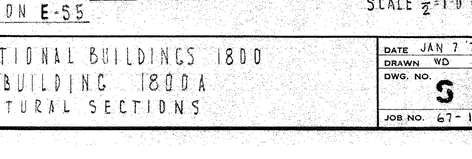


SECTION - A-S5

SECTION B-S5

SECTION C-S5

SECTION D-S5



SECTION E-S5

SCALE 1/2" = 1'-0" UON

STATE OF CALIF. - DEPT. OF GEN. SERVICES
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34859 MAR 17 1972
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STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 2 0 1972

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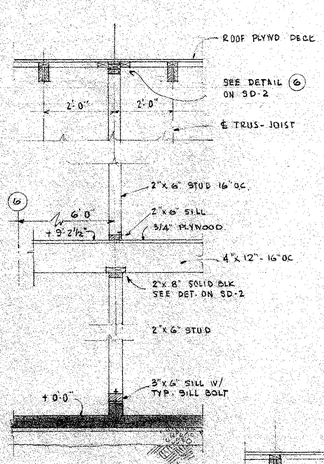
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

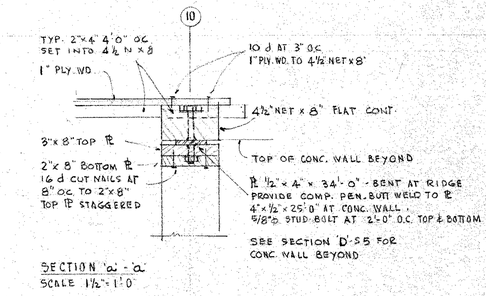
VOCATIONAL BUILDINGS 1800
SHOP BUILDING 1800A
STRUCTURAL SECTIONS

DATE JAN 7 '72
DRAWN WD
DWG. NO. S5
JOB NO. 67-1R

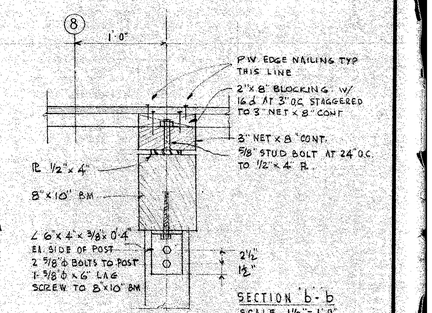
PRINTED ON DIEMO NO. 1000M CLEARPRINT 1-70



SECTION K-S6
SCALE 1/2"= 1'0"



SECTION 'a - a'
SCALE 1½"= 1'0"



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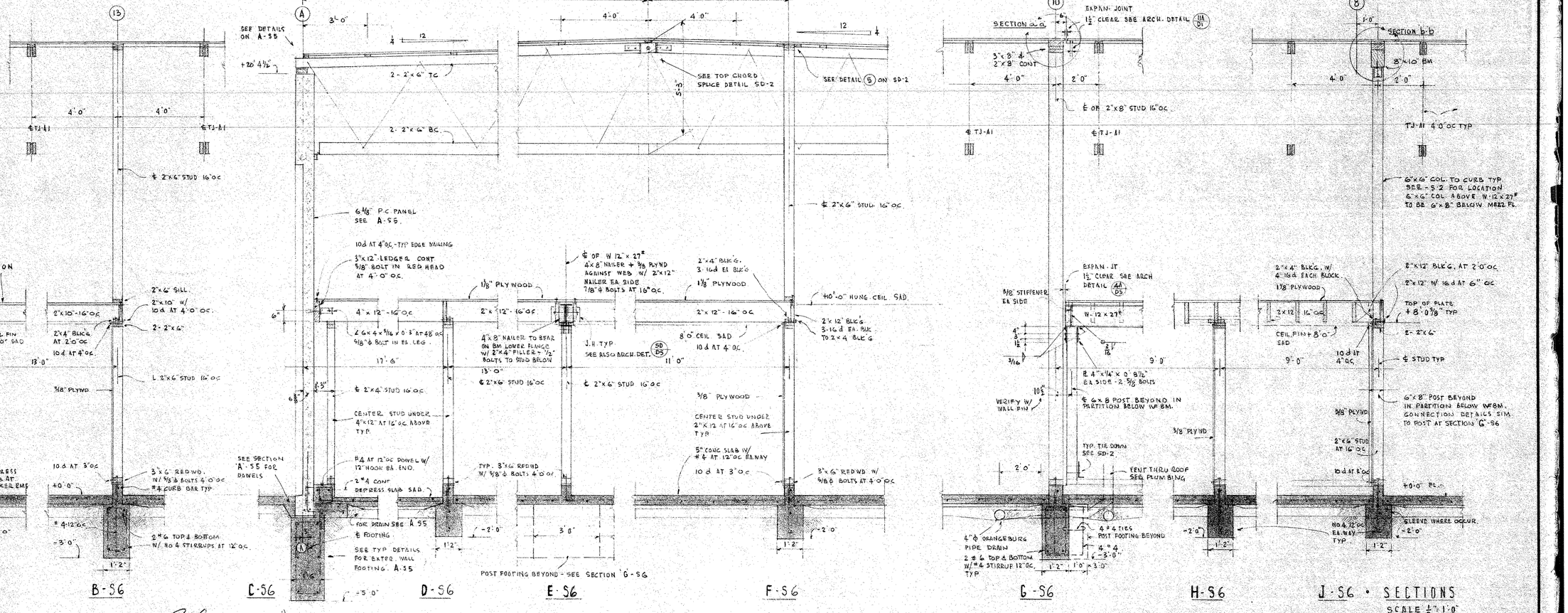

SECTIONS • A-S6 B-S6 C-S6 D-S6 E-S6 F-S6

G-S6 H-S6 J-S6 • SECTIONS
SCALE ½"= 1'0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 25 '72
24859
APPL. NO. PER [signature] DSA
PRIN. SYST. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 23 '72

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
SHOP BUILDING 1800 A
MISC. STRUCTURAL SECTIONS

DATE JAN 7'72
DRAWN WD
DWG. NO. S6
JOB NO. 67-12

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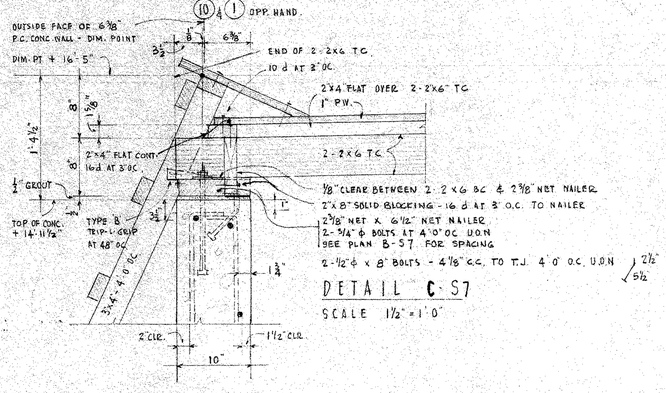
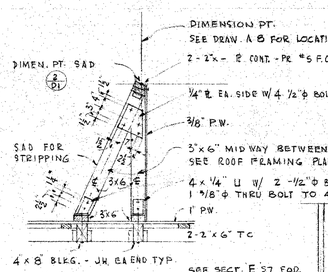


DETAIL C-S7

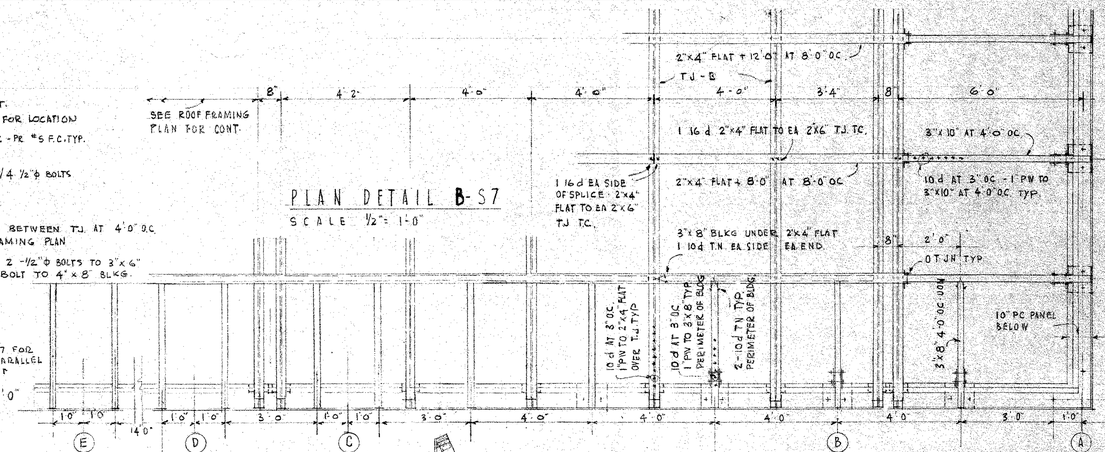
SCALE 1½" = 1'-0"



SEE SECT. E-S7 FOR SCREEN WALL PARALLEL TO TRUSS JOIST

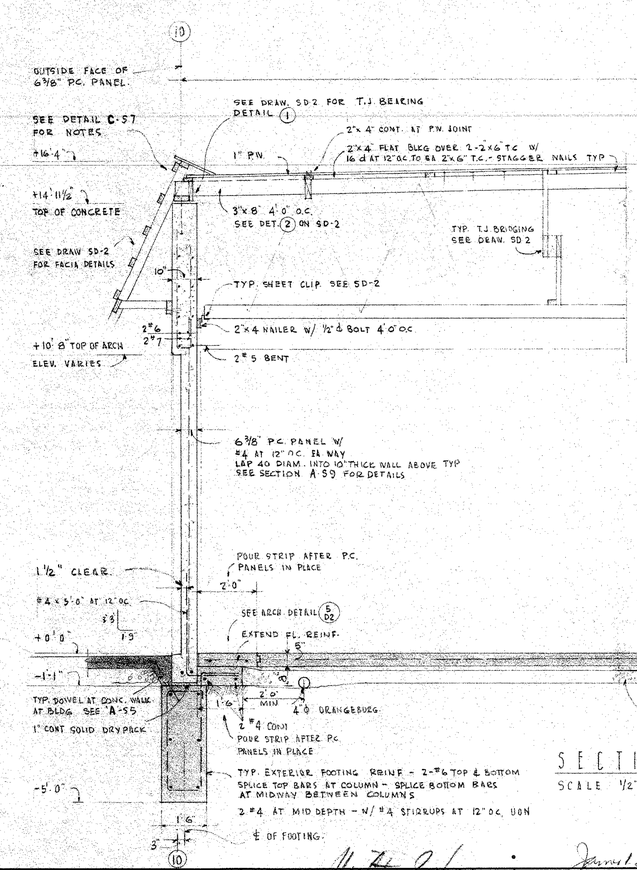
SCREEN WALL SECTION F-S7

SCALE ½" = 1'-0"



PLAN DETAIL B-S7

SCALE ½" = 1'-0"

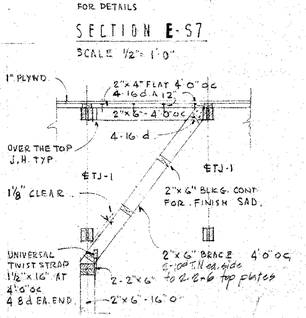


SECTION A-S7

SCALE ½" = 1'-0"

SECTION D-S7

SCALE ½" = 1'-0"



SECTION H-S7

SCALE ½" = 1'-0"

SEE ALSO ARCH'S. DET (10/D5)

CONSULTANTS

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STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPL. NO. 34859 DATE FEB 17 1972
PER [signature] PRIN. ENGR.

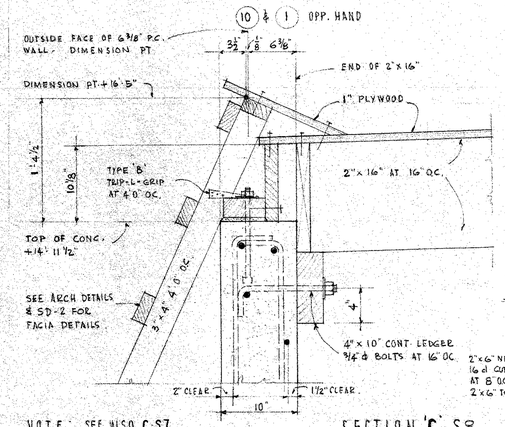
APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT — OWNER — CONTRACTOR

VOCATIONAL BUILDINGS 1800
CLASS RM. BLDG 1800 B
STRUCTURAL SECTIONS

DATE JAN 7 '72
DRAWN
DWG. NO. S7
JOB NO. 67-1R

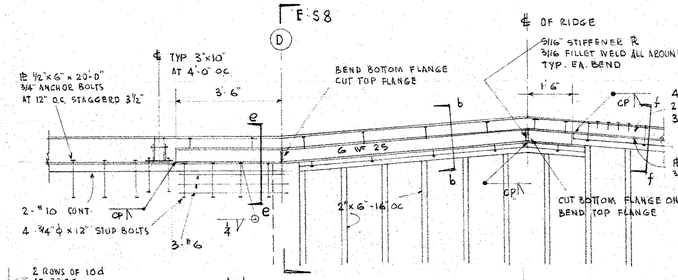
PRINTED ON DIEPO NO. 1000H CLEARPRINT 1.70



NOTE: SEE ALSO C-S7

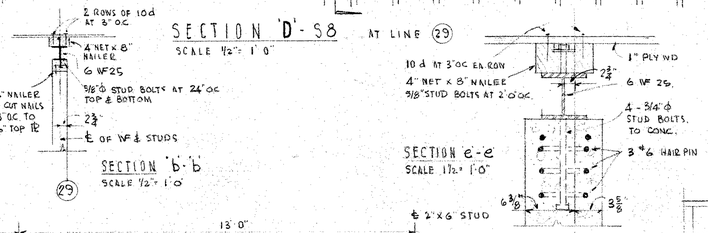
SECTION 'C'-S8

SCALE 1½"= 1'-0"



SECTION 'D'-S8 AT LINE (29)

SCALE ½"= 1'-0"

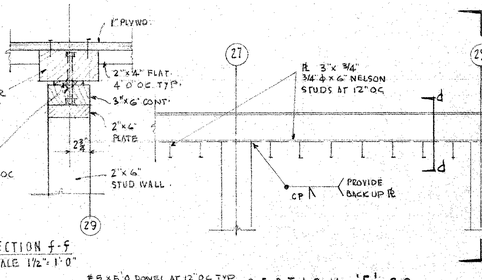


SECTION 'b'-'b'

SCALE ½"= 1'-0"

SECTION 'e'-'e'

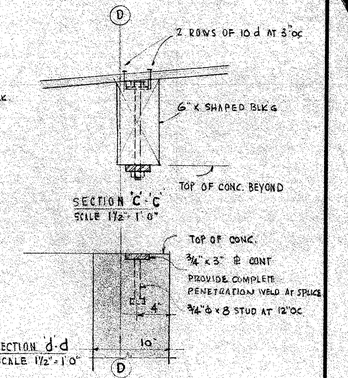
SCALE 1½"= 1'-0"

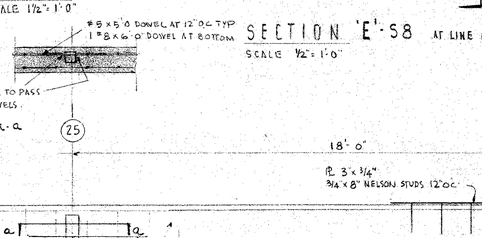


SECTION 'f'-'f'

SCALE 1½"= 1'-0"

D-S8



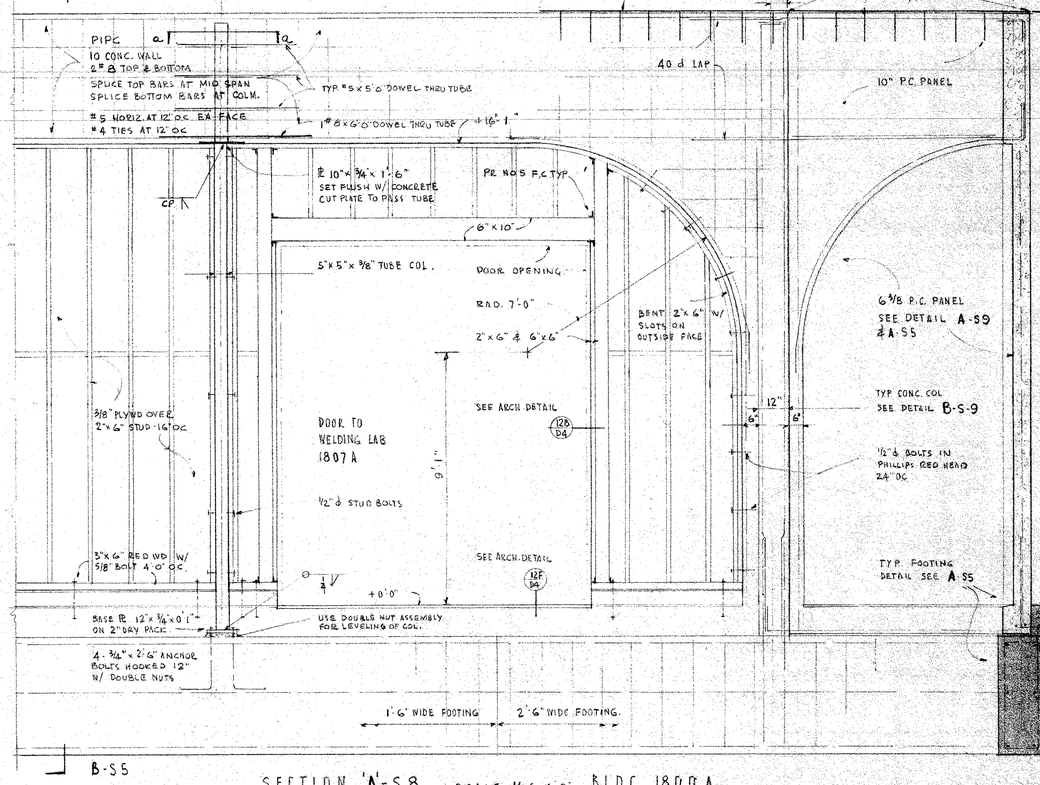


SECTION a-a

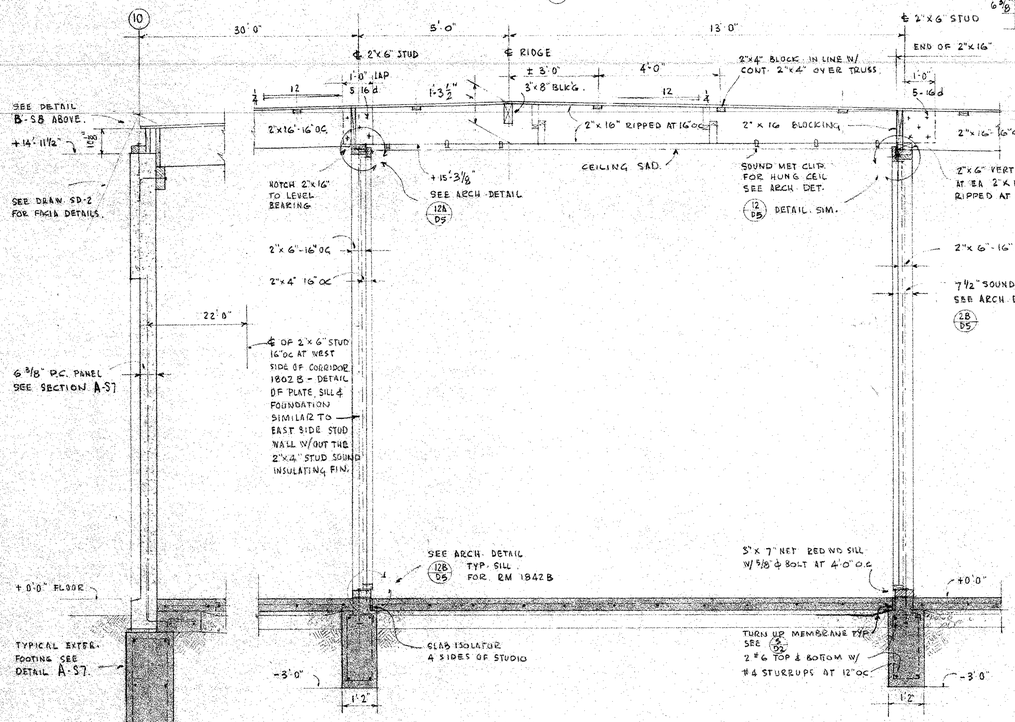
SECTION 'E'-S8 AT LINE (D)

SCALE ½"= 1'-0"

B-S5



B-S5



SECTION 'B'-S8 · BLDG 1800B

SCALE 1/2"= 1-0"

SECTION 'A'-S8 SCALE ½"= 1'-0" BLDG 1800A

Approved: Milton G. Leong — James P. Storm

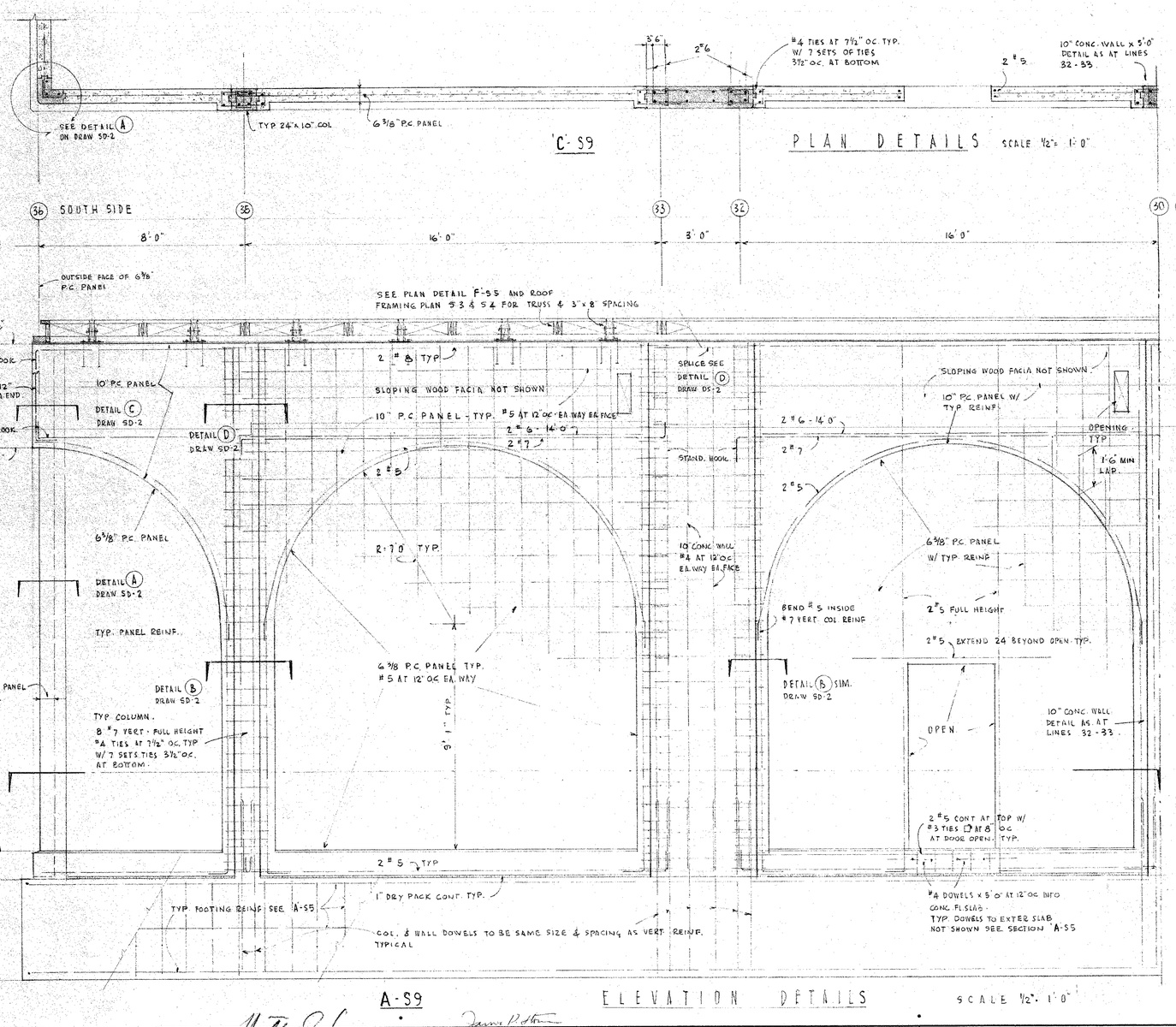
STATE OF CALIF. - DEPT. OF GEN. SERVICES OFFICE OF ARCHITECTURE & CONSTRUCTION	APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA	CONSULTANTS MILTON G. LEONG CONSULTING STRUCTURAL ENGINEER 10 SHATTUCK SQUARE, BERKELEY CALIFORNIA 94704 841-7441 AREA CODE 415	DELP W. JOHNSON, POOLE & STORM, A.I.A. — LILLIS & SMITH, A.I.A. ARCHITECTS ASSOCIATED 166 GEARY STREET SAN FRANCISCO, CALIFORNIA 94108 (415) 421-2708 723 TEXAS STREET FAIRFIELD, CALIFORNIA 94533 (707) 425-0283 DELP W. JOHNSON, A.I.A., WILLIAM F. POOLE, A.I.A., JAMES P. STORM, A.I.A., RICHARD E. BOTTJER, DEAN LILLIS, A.I.A., TRISTAN SMITH, A.I.A.
APPROVED FEB 28 '72 MAR 17 '72 34859 APPL. NO. PER [illegible] PRIN. STRL. ENGR.			

SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDGS 1800A & 1800B
MISC. STRUCTURAL SECTIONS

DATE JAN 7 '72
DRAWN WD
DWG. NO. S8
JOB NO. 67-12

PRINTED ON DIEPO NO. 10001 CLEARPRINT 1-70



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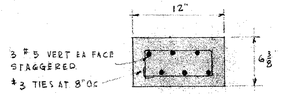
VOCATIONAL BUILDINGS 1800
SHOP BLDG. 1800 A
STRUCTURAL SECTIONS • CONC. PANELS

DATE JAN 7'72
DRAWN W.D.
DWG. NO. S9
JOB NO. 67-12

PRINTED ON DIEMO NO. 1000N CLEARPRINT



SECTION a-a
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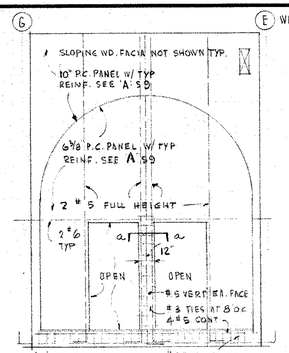
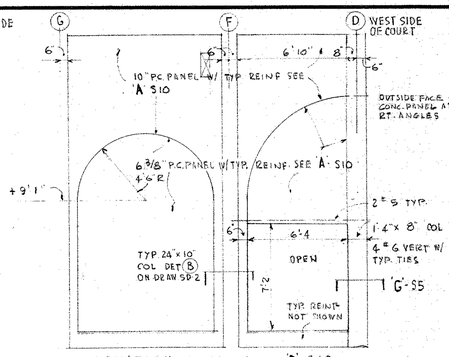
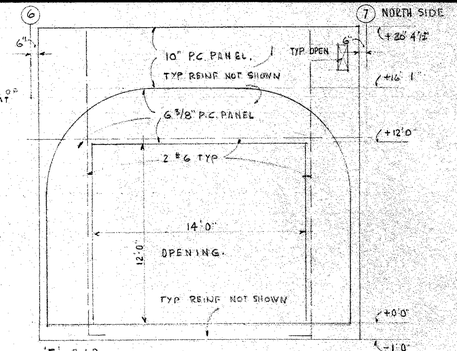


'C-S10



ELEVATION DETAILS SCALE ½" = 1'-0"

'D-S10



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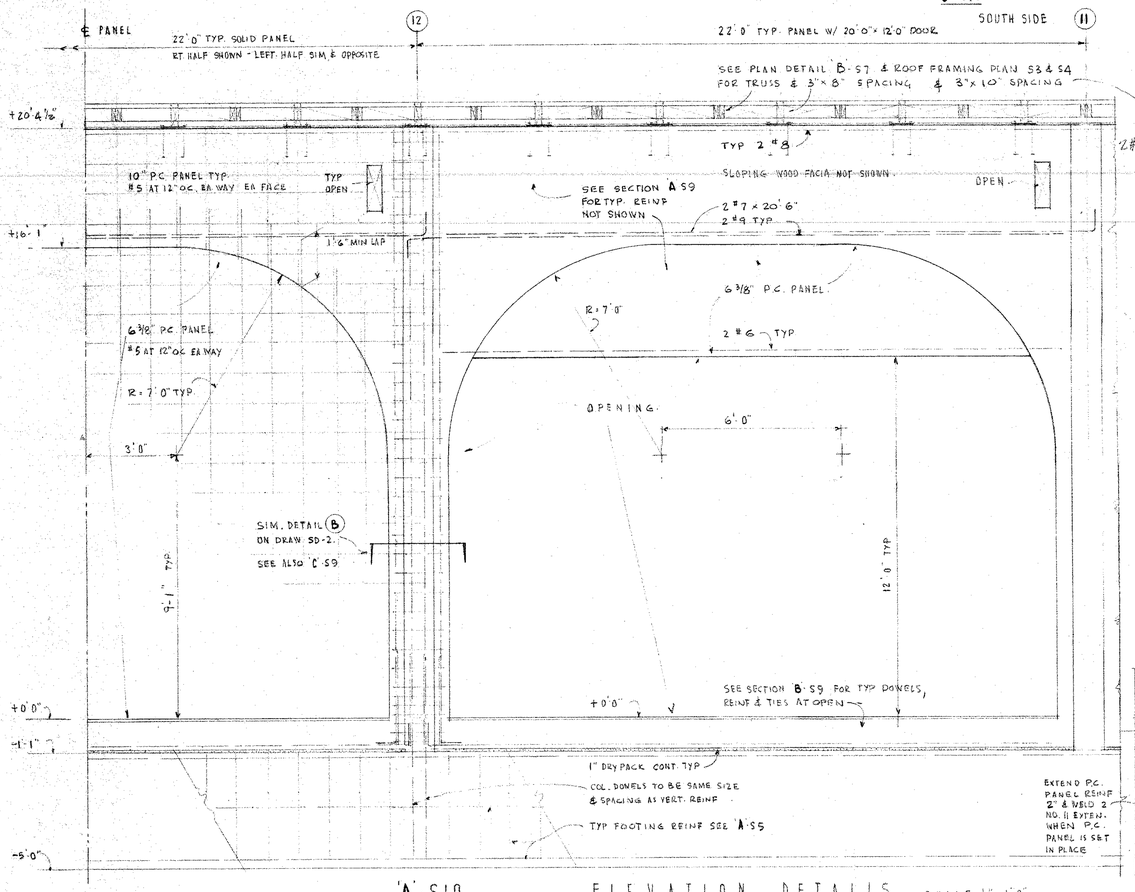
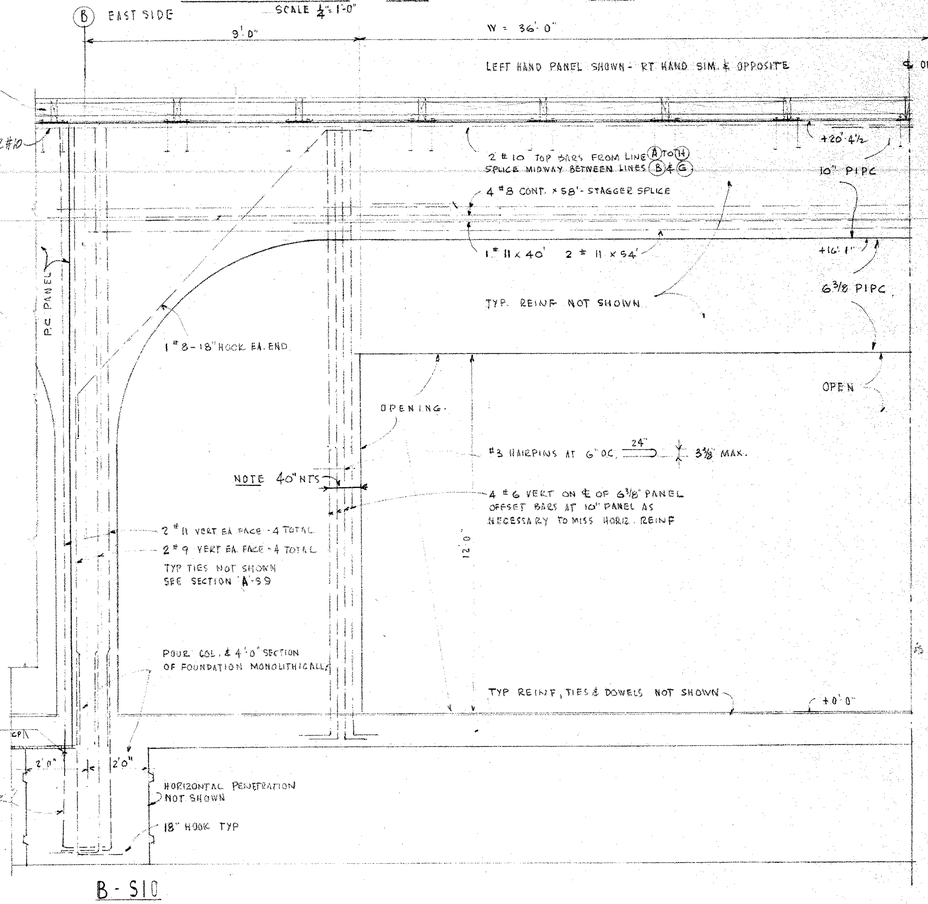


'A-S10



B-S10

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
34859 MAR 17 1972
APPL. NO. PER
PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

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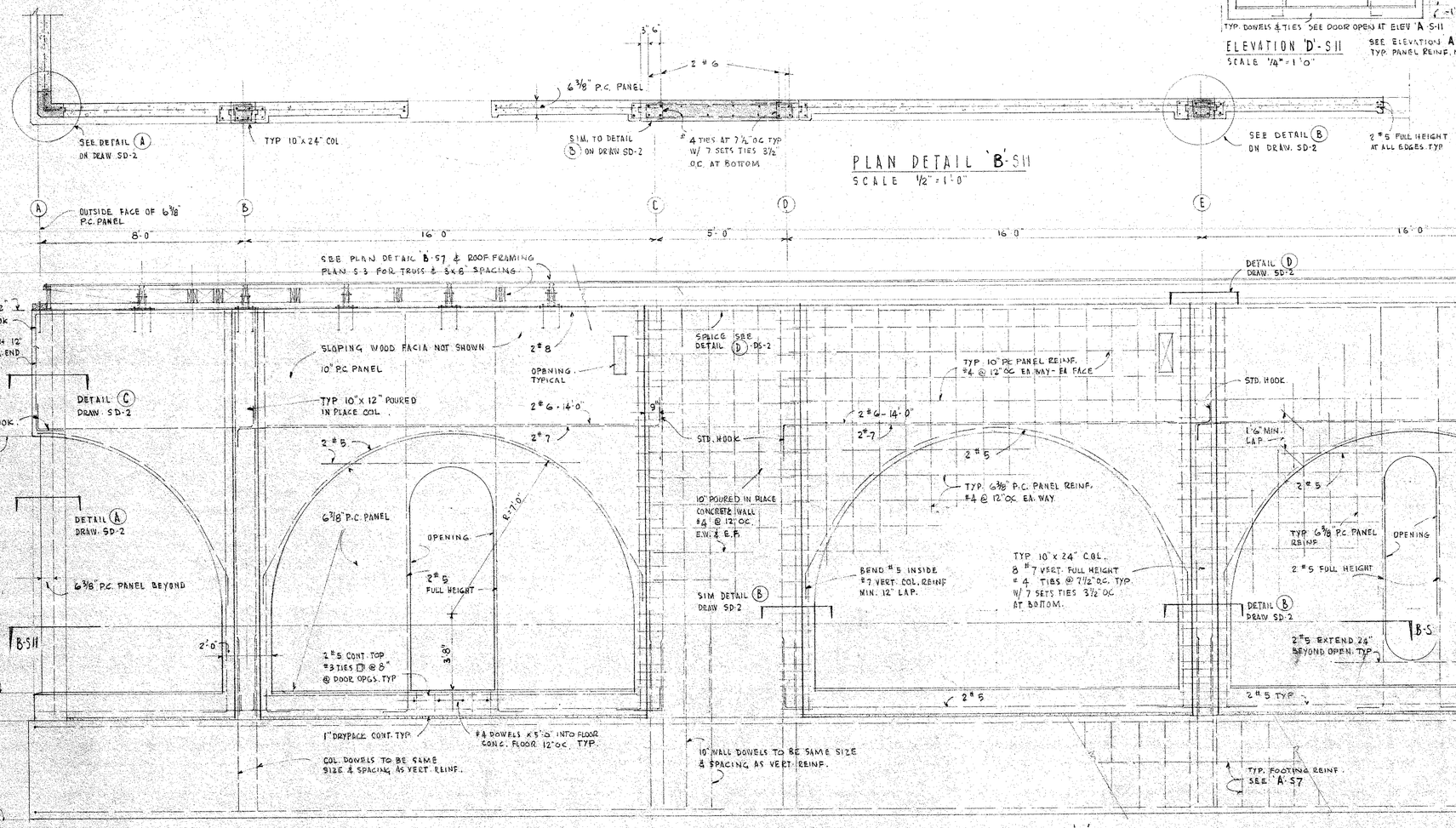
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

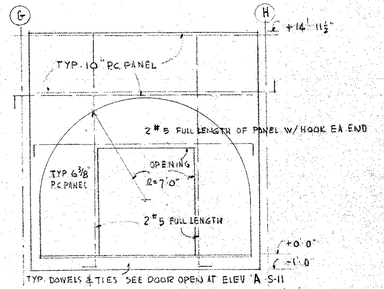
VOCATIONAL BUILDINGS 1800
SHOP BLDG 1800A
STRUCTURAL SECTIONS - CONC. PANELS

DATE JAN 7'72
DRAWN WD
DWG. NO. S10
JOB NO. 67-12

PRINTED ON DIEPO NO. 1000H CLEARPRINT 1-70

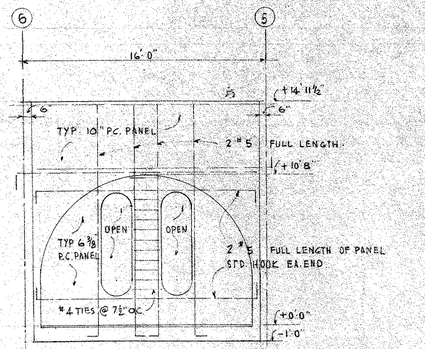


PLAN DETAIL 'B'-S11
SCALE 1/2" = 1'-0"



ELEVATION 'D'-S11
SCALE 1/4" = 1'-0"

SEE ELEVATION 'A' S11 FOR TYP. PANEL REINF. NOT SHOWN



SEE ELEVATION A-S11 FOR TYP. PANEL REINF. NOT SHOWN

ELEVATION 'C'-S11
SCALE 1/4" = 1'-0"

ELEVATION DETAIL 'A'-S11
SCALE • 1/2" = 1'-0"

NOTES

SEE ARCHITECTS DRAWINGS FOR SIZE & LOCATION OF OPENINGS

SEE ARCHITECTS DETAILS (15/D2) AND (15/D2) FOR PANEL DETAILS

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 29 1972
34859 MAR 17 1972
APPL. NO. PER [signature] DIVIS. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

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SOLANO COUNTY JUNIOR COLLEGE
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ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
CLASS RM. BLDG 1800 B
STRUCTURAL SECTIONS - CONC. PANELS

DATE JAN 7'72
DRAWN WD
DWG. NO. S11
JOB NO. 67-16

PRINTED ON DIEMO NO. 1800K CLEARPRINT 1-70

GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH TITLE 21, CALIFORNIA ADMINISTRATIVE CODE, LATEST EDITION AS AMENDED.
THESE NOTES SHALL APPLY, TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED.
FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL, AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS UNLESS OTHERWISE NOTED
DETAILS AND DIMENSIONS OF EXISTING CONSTRUCTION SHALL BE VERIFIED AT THE SITE BY THE CONTRACTOR.
REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FLOOR FINISH AND THEIR LOCATIONS, DEPRESSIONS IN FLOOR SLABS, OPENINGS IN WALLS, SLAB AND FLOOR AS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC., ALL TYPES OF FLASHING AND INSERTS, ANCHORAGE, HANGERS, ETC., EMBEDDED IN OR ATTACHED TO THE CONCRETE OR MASONRY STRUCTURE; ROADWAY, PAVING, WALKS, STAIRS, RAMPS, TERRACES, ETC., EXTERIOR GRADES, ELEVATION OF SLOPING ROOF SURFACES AND LOCATION OF DRAINS.
THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS, AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENTS BEFORE PROCEEDING WITH THE WORK.
IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWING, OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATION, THEIR CONSTRUCTION WILL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITION.

SYMBOLS

	INDICATES	REDWOOD LUMBER
▨	"	A CONTINUOUS MEMBER IN SECTION
▨	"	A NON-CONTINUOUS MEMBER (SUCH AS SOLID BLK)
PC	"	FRAMING CLIP - SEE DETAIL DRWG S-2C
NTS	"	NOT TO SCALE
R.O.	"	REGLET CONCRETE
TJ	"	TRUSS JOIST SEE DRWG SD-2 FOR TYPICAL DETAILS
TC	"	TOP CHORD
BC	"	BOTTOM CHORD
PIPC	"	POURED IN PLACE CONCRETE

	INDICATES	
J-2C	"	SECTION A ON DRWG S2, ETC.
JOISTS	"	JOISTS OR RAFTERS
DJ	"	DOUBLE JOIST OR DOUBLE RAFTER
RAFTERS	"	RAFTER MARK
JH (Joist hanger)	"	GALVANIZED IRON JOIST HANGERS AS MANUFACTURED BY UNIVERSAL ANCHORS CO., SEE DETAIL DRWGS.
PW	"	STRUCTURAL PLYWOOD
A.I.A.	"	SEE ARCHITECTURAL DRAWINGS
FTG	"	FOOTING
UON	"	UNLESS OTHERWISE NOTED

FOUNDATION NOTES

SOIL PRESSURE UNDER FOOTINGS IS NOT OVER 2500 LBS PER SQ. FT. DEAD LOAD (NEGLECTING THAT PORTION OF FOUNDATION BELOW FINISHED GRADE)
THIS LIVE LOAD FOUNDATION SOIL IS ENGINEERED FILL AND SANDY CLAY. NO TRENCHING SHALL BE PERMITTED PRIOR TO O.A.C. APPROVAL OF FILL REPORT IN ACCORDANCE WITH TITLE 21 SECT 1102 (f).
SOIL REPORT IS BY HARDING, MILLER, LAWSON & ASSOCIATES DATED FEBRUARY 1966.
FOOTING PROJECTIONS ARE 12" PRIOR UNLESS NOTED.
FOR CONTRACT PURPOSES, THE ELEVATION OF THE BOTTOM OF THE FOOTINGS SHALL BE AS NOTED ON FOUNDATION PLANS AND ON DETAILS. THESE FOOTING DEPTHS ARE MINIMUM, AND SHALL IN NO CASE BE LESS THAN 24"-0" BELOW ADJACENT UNDISTURBED GROUND. FOOTINGS MUST BEAR ON FIRM, UNDISTURBED SOIL OR ON COMPACTED FILL CONTROLLED AND SUPERVISED BY A SOILS APPROVED SOILS ENGINEER.
FOUNDATION WALL BACKFILL SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF WALL. DURING FILL OPERATION, EARTH LEVEL ON ONE SIDE SHALL NOT EXCEED LEVEL OF THE OTHER SIDE BY MORE THAN 4". FOOTINGS SHALL BE CENTERED UNDER BEARING WALLS ABOVE UNLESS NOTED OTHERWISE.

CONCRETE NOTES

CONCRETE SHALL TEST NOT LESS THAN 3000 LB. PER SQ. INCH AT 28 DAYS EXCEPT THAT FOOTINGS SHALL TEST NOT LESS THAN 2500 LBS. PER SQ. INCH AT 28 DAYS. SLABS ON GROUND SHALL TEST NOT LESS THAN 2000 LB. PER SQ. INCH AT 28 DAYS.
ALL CONCRETE SHALL BE REINFORCED UNLESS NOTED. TWO REINFORCING BARS SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS OF WALLS AND FOOTINGS. LAP ALL BARS 40 DIAMETERS AT SPLICES, SEPARATE BARS 12" AT SPLICES. WHERE SPLICES BETWEEN BARS ARE NOT SHOWN ON DRAWINGS, SPLICES SHALL BE MADE WHERE POSSIBLE, VERTICAL WALL AND SOLID BARS ONE (OR 1½ × BAR DIAMETER WHICHEVER IS GREATER LENGTH) SHALL EXTEND INTO FOOTINGS, BUT MAY BE BOOKLAPPED WITH 40 DIAMETER LAPS.
DOWELS, ANCHORS, ANCHOR BOLTS, PIPE SLEEVES AND OTHER FASTENERS SHALL BE POSITIVELY SECURED IN PLACE BEFORE CONCRETE IS POURED.
BAR COVERAGE SHALL BE: (TO FACE OF BAR) 1½" #5 AND SMALLER, 2" #6 AND LARGER } WHERE CONCRETE IS EXPOSED TO WEATHER. Use max. bar cover

- 3" WHERE CONCRETE IS POURED AGAINST EARTH
- 2" WHERE CONCRETE IS EXPOSED TO EARTH OR WEATHER
- 2" FOR MAIN BARS OF COLUMNS - ⅜" MAXIMUM AGGREGATE SIZE.
- 1½" FOR ALL BARS OF BEAMS INCLUDING STIRRUPS
- 1" FOR WALL BARS (INSIDE FACE)
- ¾" FOR STRUCTURAL SLAB SLAB, TOP AND BOTTOM.

SLABS ON GROUND SHALL BE REINFORCED AT MID-DEPTH ON SLABS WITH 6" BARS @ 12" O.C. EACH WAY. LOCATION OF CONTROL JOINTS IN SLABS SHALL BE APPROVED BY THE ARCHITECT. SLABS ON GROUND SHALL REST ON 3" LEVEL COMPACTED SAND FILL UNLESS OTHERWISE NOTED. SEE TYP TIE DETAIL (4/S4)
ALL CONCRETE CURBS ARE 6" HIGH UNLESS OTHERWISE NOTED.

CARPENTRY NOTES

SILLS OF CONCRETE SHALL BE FOUNDATION GRADE REDWOOD 2" THICK AT EXTERIOR WALLS AND 2" MINIMUM THICK ELSEWHERE.
SILLS SHALL BE ANCHORED WITH 5/8" × 14" BOLTS WITH A BOLT WITHIN 9" OF EACH END OF EACH PIECE AND NOT OVER 48" O.C. BETWEEN. THERE SHALL BE AT LEAST 2 BOLTS IN EACH PIECE. WHERE MORTISES FOR POSTS, ETC. OCCUR AT THE END OF A PIECE, PLACE A BOLT WITHIN 9" OF EACH SIDE OF MORTISE. SUCH BOLT SHALL NOT BE CONSIDERED AS A BOLT. HOLES SHALL BE BORED 1/16" LARGER THAN 3/4" BOLT.
ALL OTHER LUMBER NOT OTHERWISE NOTED SHALL BE DOUGLAS FIR MANUFACTURED AS GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU, "STANDARD GRADING AND DRESSING RULES, NO. 16 - SEPT 1 1970
BLOCKING AND GRIDDING - PROVIDE AS FOLLOWS:

A. 2" SOLID BLOCKING BETWEEN JOISTS AND RAFTERS OVER SUPPORT.
B. 2" x 3" (MIN) CROSS BRIDGING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" O.C. NOR MORE THAN 8'-0" FROM SUPPORT.
C. 1"x6" CROSS BRIDGING BETWEEN CEILING JOISTS AND RAFTERS 2 = 8 AND 2 = 10.
D. CONTINUOUS 2" HERRINGBONE BRIDGING (SIMILAR TO TJ 12) OR MID-POINT BRIDGING OR 2" SOLID BLOCKING AT SPANS GREATER THAN 8'-0" EXCEPT WHERE WALL FINISH SHALL NOT PERMIT. SPACING SHALL NOT EXCEED 16'-0" O.C.

STEEL PLATE ANCHORS BOLTED TO JOISTS SHALL BE PLACED AT OPPOSITE SIDE OF THE LINES OF JOISTS AND SPACED NOT OVER 48" ON CENTERS.
WHERE JOISTS OR STUDS ARE PARALLEL TO CONCRETE WALL, BOLT TO CONCRETE WITH 5/8" ϕ BOLTS NOT OVER 48" O.C.
DOUBLE ROOF PLATES OF EXTERIOR WALLS SHALL NOT BE CUT TO LAP (FOR FLOOR OR ROOF) EXCEPTING GABLE, EXCEPT AT INTERIOR WALL CORNERS OR AS OTHERWISE NOTED ON THE DRAWINGS.
FIRES EXCEEDING ONE-THIRD OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BRACING OR SHEAR WALLS UNLESS COMPLETELY FURRED CLEAR OF THE STUDS. FIRE SHALL PASS OVER THE CENTER OF THE PLATES OVER A HEAT BOARD HOLE. NO NOTCHING WILL BE ALLOWED.
LAGSCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE. DRILL HOLE SAME DIAMETER AND DEPTH AS SHANK, DISH DRILL HOLE SAME DIAMETER AS AT HEAD OF SHANK FOR THE THREADED PORTION. USE PLATE WASHER AS SHOWN FOR SAME BOLT SIZE.
BOLTS IN WOOD ARE MACHINE BOLTS, UNLESS OTHERWISE NOTED.
ALL EXPOSED LUMBER SHALL BE SELECT STRUCTURAL.

CARPENTRY NOTES (CONTINUED)

BOLT HOODS IN WOOD SHALL BE BOLT DIAMETER PLUS 1/16". PROVIDE SQUARE PLATE WASHER UNDER HEAD AND NUT WHERE BEARING IS AGAINST WOOD. NUT WASHERS UNDER NUT WHERE BEARING IS AGAINST WOOD. WASHERS WILL NOT BE REQUIRED UNDER HEAD OF CARRIAGE BOLTS. LENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD OR STEEL. ALL BOLTS SHALL BE TIGHTENED WHEN PLANED AND RE-TIGHTENED AT COMPLETION OF THE JOB OR IMMEDIATELY BEFORE ROOFING WITH FINISH CONSTRUCTION.

BOLT DIAMETER	SQUARE STEEL PLATE WASHERS	HOLE DIAMETER	SQUARE STEEL PLATE WASHERS
½"	2 × 2 × ¼"	7/8"	3½ × 3½ × 3/8"
5/8"	2½ × 2½ × ¼"	1"	3½ × 3½ × 3/8"
¾"	3 × 3 × 5/16"	1 1/8"	4 × 4 × 7/16"
		1 1/4"	4½ × 4½ × ½"

NAILS ONLY FROM WASHERS MAY BE USED IN LIEU OF SQUARE STEEL PLATE WASHERS.
ALL BOLTS IN CONCRETE ANCHORS SHALLBE MACHINE BOLTS IN PHILLIPS REDHEAD ANCHORS

SHEATHING

SHEATHING SHEATHING SHALL BE 1 & 2 RING DRIED OR AIR DRIED TO A MOISTURE CONTENT NOT TO EXCEED 19%.
EVERY SHALL BE AS LARGE AND SHOW BOARD BETWEEN JOINTS OF THE SAME SHEATHING.

PLYWOOD SHEATHING

WHERE WOODS, ROOFS, INTERIOR PARTITIONS AND SUB-FLOORS SHALL BE SHEATHED WITH DOUGLAS FIR PLYWOOD, CONFORMING TO CURRENT REQUIREMENTS OF EXTERIOR TYPE UNLESS NOTED, EXPOSURE 1, C-D OR BETTER.
ALL PLYWOOD SHEATHING USED STRUCTURALLY SHALL EXCESS CONTINUOUSLY DRIED ALL WINTER. WHERE IT IS TO BE PLASTERED, IT SHALL BE PROTECTED BY AN APPROVED LAYER OF MOISTURE-PROOF PAPER UNDER LATHING.
IN GENERAL, PLYWOOD SHEETS SHALL BE 4'-0" x 8'-0". THEY MAY BE LAID EITHER HORIZONTALLY OR VERTICALLY AT WALLS. ROOF SHEETS SHALL BE LAID WITH FACE PLIES ACROSS JOISTS AND WITH END JOINTS STAGGERED 4'-0". ALL PLYWOOD JOINTS SHALL BE ACCURATELY CENTERED ON BLOCKING. BLOCKING BETWEEN STUDS SHALL BE 3 x SAME DEPTH AS JOIST. BLOCKING BETWEEN SAWN JOISTS SHALL BE 2 x 3 MINIMUM FLAT BLOCKING.
BLOCKING BETWEEN TRUSS JOISTS SHALL BE 2 x 4 FLAT BLOCKING.

NAILING

ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, DRILL HOLES SHALL BE PRE-DRILLED.

SCHEDULE OF MINIMUM PERMISSIBLE CONNECTION

DETAILS		NAILINGS
STUDS TO PLATES	2x4 AND SMALLER	2-10d TOENAILED EA END, 1-10d TOENAILED AT SIDE TOP & BOTTOM
	2x6 AND LARGER	3-10d TOENAILS EA END & TOE NAILED AT SIDE TOP & BOTTOM (OR 2-16d AT EACH END WHERE 2x6 & 16" STUDS ARE USED) (SEE 4/S-4)
		3-10d TOENAILS EA END & TOE NAILED AT SIDE TOP & BOTTOM (OR 2-16d AT EACH END WHERE 2x6 & 16" STUDS ARE USED) (SEE 4/S-4)
		WHERE WALL HEIGHT EXCEEDS 20'-0" USE 2x6 @ 16" OC MAX.
SOLE PLATES (ON SHEATHING)	2x4 AND LARGER	2-10d @ 16" O.C. STAGGERED
	2x6 AND LARGER	2-10d @ 16" O.C. STAGGERED
DOUBLE TOP PLATES	LAPPED PLATES AT ENDS	8-20d FOR 2x6 STUD OR SMALLER, 7-20d FOR 2x8 STUD
(USE 3½" FOR 4" PLATES)	TIED TO EACH OTHER AT INTERSECTIONS	16d @ 16" O.C. OR 4-20d WITH 16-16d AT LAPS (SEE PLAN FOR SPECIAL INSTRUCTION)
	AT 4" CONCRETE WALLS	5-16d
JOISTS ON RAFTERS	TO BEARING	2-10d NAILS EA END
	TO SIDE OR EDGE OF STUD	3-10d NAILS FOR 2x6 OR LESS (AND 1-16d FOR EA ADDITIONAL 2" OR PORTION THEREOF)
	TO PARALLEL MEMBER (PLATES, ETC.)	16d @ 12" O.C.
	AT LAPS (OVER BEARING)	3-16d
BLOCKING	TO BEARING	2-10d NAILS EA END EA END
	TO SIDE OF STUD	3-10d NAILS EA SIDE
CROSS BRIDGING BETWEEN	EA JOIST	2-10d
CROSS BRIDGING BETWEEN	EA RAFTER	2-10d
SOLE PLATE	TO JOISTS OR RAFTERS	3-16d @ 16" O.C.
END JOINTS	AT LAPS	12-16d EACH SIDE
BUTT JOINTS	AT CORNER & INTERSECTING PARTITION	16d @ 16" O.C. STAGGERED
BUILT-UP BEAMS & MULTIPLE JOISTS		16d @ 24" O.C. STAGGERED (WHERE LOAD THEIR 30" IN DEPTH ONLY, 1/4" ϕ BOLTS @ 24" O.C. BY 30" OR GREATER IN DEPTH)
		16d @ 24" O.C. STAGGERED
		16d @ 16" O.C. STAGGERED
		16d @ 12" O.C. STAGGERED
		16d @ 8" O.C. STAGGERED
		16d @ 6" O.C. STAGGERED
		16d @ 4" O.C. STAGGERED
		16d @ 3" O.C. STAGGERED
		16d @ 2" O.C. STAGGERED
		16d @ 1" O.C. STAGGERED
		16d @ ½" O.C. STAGGERED
		16d @ ¼" O.C. STAGGERED
		16d @ ⅛" O.C. STAGGERED
		16d @ 1/16" O.C. STAGGERED
		16d @ 1/32" O.C. STAGGERED
		16d @ 1/64" O.C. STAGGERED
		16d @ 1/128" O.C. STAGGERED
		16d @ 1/256" O.C. STAGGERED
		16d @ 1/512" O.C. STAGGERED
		16d @ 1/1024" O.C. STAGGERED
		16d @ 1/2048" O.C. STAGGERED
		16d @ 1/4096" O.C. STAGGERED
		16d @ 1/8192" O.C. STAGGERED
		16d @ 1/16384" O.C. STAGGERED
		16d @ 1/32768" O.C. STAGGERED
		16d @ 1/65536" O.C. STAGGERED
		16d @ 1/131072" O.C. STAGGERED
		16d @ 1/262144" O.C. STAGGERED
		16d @ 1/524288" O.C. STAGGERED
		16d @ 1/1048576" O.C. STAGGERED
		16d @ 1/2097152" O.C. STAGGERED
		16d @ 1/4194304" O.C. STAGGERED
		16d @ 1/8388608" O.C. STAGGERED
		16d @ 1/16777216" O.C. STAGGERED
		16d @ 1/33554432" O.C. STAGGERED
		16d @ 1/67108864" O.C. STAGGERED
		16d @ 1/134217728" O.C. STAGGERED
		16d @ 1/268435456" O.C. STAGGERED
		16d @ 1/536870912" O.C. STAGGERED
		16d @ 1/1073741824" O.C. STAGGERED
		16d @ 1/2147483648" O.C. STAGGERED
		16d @ 1/4294967296" O.C. STAGGERED
		16d @ 1/8589934592" O.C. STAGGERED
		16d @ 1/17179869184" O.C. STAGGERED
		16d @ 1/34359738368" O.C. STAGGERED
		16d @ 1/68719476736" O.C. STAGGERED
		16d @ 1/137438953472" O.C. STAGGERED
		16d @ 1/274877906944" O.C. STAGGERED
		16d @ 1/549755813888" O.C. STAGGERED
		16d @ 1/1099511627776" O.C. STAGGERED
		16d @ 1/2199023255552" O.C. STAGGERED
		16d @ 1/4398046511104" O.C. STAGGERED
		16d @ 1/8796093022208" O.C. STAGGERED
		16d @ 1/17592186044416" O.C. STAGGERED
		16d @ 1/35184372088832" O.C. STAGGERED
		16d @ 1/70368744177664" O.C. STAGGERED
		16d @ 1/140737488355328" O.C. STAGGERED
		16d @ 1/281474976710656" O.C. STAGGERED
		16d @ 1/562949953421312" O.C. STAGGERED
		16d @ 1/1125899906842624" O.C. STAGGERED
		16d @ 1/2251799813685248" O.C. STAGGERED
		16d @ 1/4503599627370496" O.C. STAGGERED
		16d @ 1/9007199254740992" O.C. STAGGERED
		16d @ 1/18014398509481984" O.C. STAGGERED
		16d @ 1/36028797018963968" O.C. STAGGERED
		16d @ 1/72057594037927936" O.C. STAGGERED
		16d @ 1/144115188075855872" O.C. STAGGERED
		16d @ 1/288230376151711744" O.C. STAGGERED
		16d @ 1/576460752303423488" O.C. STAGGERED
		16d @ 1/1152921504606846976" O.C. STAGGERED
		16d @ 1/2305843009213693952" O.C. STAGGERED
		16d @ 1/4611686018427387904" O.C. STAGGERED
		16d @ 1/9223372036854775808" O.C. STAGGERED
		16d @ 1/18446744073709551616" O.C. STAGGERED
		16d @ 1/36893488147419103232" O.C. STAGGERED
		16d @ 1/73786976294838206464" O.C. STAGGERED
		16d @ 1/147573952589676412928" O.C. STAGGERED
		16d @ 1/295147905179352825856" O.C. STAGGERED
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		16d @ 1/2361183241434822606848" O.C. STAGGERED
		16d @ 1/4722366482869645213696" O.C. STAGGERED
		16d @ 1/9444732965739290427392" O.C. STAGGERED
		16d @ 1/18889465931478580854784" O.C. STAGGERED
		16d @ 1/37778931862957161709568" O.C. STAGGERED
		16d @ 1/75557863725914323419136" O.C. STAGGERED
		16d @ 1/151115727451828646838272" O.C. STAGGERED
		16d @ 1/302231454903657293676544" O.C. STAGGERED
		16d @ 1/604462909807314587353088" O.C. STAGGERED
		16d @ 1/1208925819614629174706176" O.C. STAGGERED
		16d @ 1/2417851639229258349412352" O.C. STAGGERED
		16d @ 1/4835703278458516698824704" O.C. STAGGERED
		16d @ 1/9671406556917033397649408" O.C. STAGGERED
		16d @ 1/19342813113834066795298816" O.C. STAGGERED
		16d @ 1/38685626227668133590597632" O.C. STAGGERED
		16d @ 1/77371252455336267181195264" O.C. STAGGERED
		16d @ 1/154742504910672534362390528" O.C. STAGGERED
		16d @ 1/309485009821345068724781056" O.C. STAGGERED
		16d @ 1/618970019642690137449562112" O.C. STAGGERED
		16d @ 1/1237940039285380274899124224" O.C. STAGGERED
		16d @ 1/2475880078570760549798248448" O.C. STAGGERED
		16d @ 1/4951760157141521099596496896" O.C. STAGGERED
		16d @ 1/9903520314283042199192993792" O.C. STAGGERED
		16d @ 1/19807040628566084398385987584" O.C. STAGGERED
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		16d @ 1/158456325028528675187087900672" O.C. STAGGERED
		16d @ 1/316912650057057350374175801344" O.C. STAGGERED
		16d @ 1/633825300114114700748351602688" O.C. STAGGERED
		16d @ 1/1267650600228229401496703205376" O.C. STAGGERED
		16d @ 1/2535301200456458802993406410752" O.C. STAGGERED
		16d @ 1/5070602400912917605986812821504" O.C. STAGGERED
		16d @ 1/10141204801825835211973625643008" O.C. STAGGERED
		16d @ 1/20282409603651670423947251286016" O.C. STAGGERED
		16d @ 1/40564819207303340847894502572032" O.C. STAGGERED
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		16d @ 1/649037107316853453566312041152512" O.C. STAGGERED
		16d @ 1/1298074214633706907132624082305024" O.C. STAGGERED
		16d @ 1/2596148429267413814265248164610048" O.C. STAGGERED
		16d @ 1/5192296858534827628530496329220096" O.C. STAGGERED
		16d @ 1/10384593717069655257060992658440192" O.C. STAGGERED
		16d @ 1/20769187434139310514121985316880384" O.C. STAGGERED
		16d @ 1/41538374868278621028243970633760768" O.C. STAGGERED
		16d @ 1/83076749736557242056487941267521536" O.C. STAGGERED
		16d @ 1/166153499473114484112975882535043072" O.C. STAGGERED
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		16d @ 1/1329227995784915872903807060280344576" O.C. STAGGERED
		16d @ 1/2658455991569831745807614120560689152" O.C. STAGGERED
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		16d @ 1/21267647932558653966460912964485513216" O.C. STAGGERED
		16d @ 1/42535295865117307932921825928971026432" O.C. STAGGERED
		16d @ 1/85070591730234615865843651857942052864" O.C. STAGGERED
		16d @ 1/170141183460469231731687303715884105728" O.C. STAGGERED
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		16d @ 1/680564733841876926926749214863536422912" O.C. STAGGERED
		16d @ 1/1361129467683753853853498429727072845824" O.C. STAGGERED
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		16d @ 1/10889035741470030830827987437816582766592" O.C. STAGGERED
		16d @ 1/21778071482940061661655974875633165533184" O.C. STAGGERED
		16d @ 1/43556142965880123323311949751266331066368" O.C. STAGGERED
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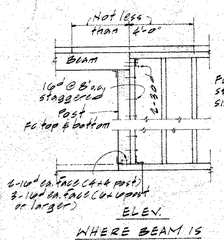
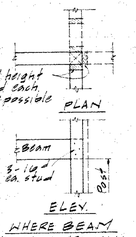
		16d @ 1/215679573337205118357336120696157045389097155380324579848828881993728" O.C. STAGGERED
		16d @ 1/431359146674410236714672241392314090778194310760649159697657763987456" O.C. STAGGERED

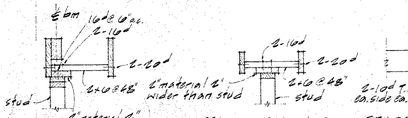




WHERE BEAM IS WITHIN WALL

WHERE BEAM FRAMES INTO WALL

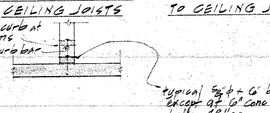
POST & BEAM CONNECTIONS
(unless otherwise shown)



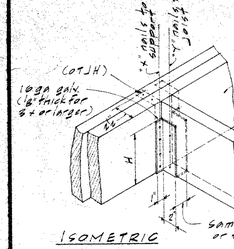
BEAM ON ℄

STUDS PARALLEL TO CEILING JOISTS

STUDS PERPENDICULAR TO CEILING JOISTS



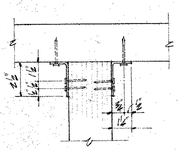
NON-BEARING STUDS ON SLABS ON GROUND DETAIL (10)



ISOMETRIC

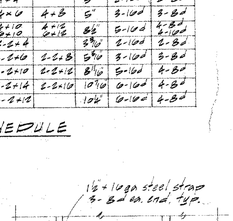
JOIST HANGER (JH) SCHEDULE
(JH) & (2OTJH)

JOIST SIZE	DIM. H	NAILS X	NAILS Y
2x4	3½"	5"	2-8d
2x6	5½"	5"	3-10d
2x8	7¼"	6-10d	3-10d
2x10	9¼"	6-10d	4-8d
2x12	11¼"	10d	4-8d
3x6	5½"	6-10d	4-10d
3x8	7¼"	10d	6-10d
3x10	9¼"	6-10d	4-10d
3x12	11¼"	5"	5-8d
4x4		5"	2-10d
4x6	5½"	5"	3-8d
4x8	7¼"	6½"	5-10d
4x10	9¼"	6½"	6-10d
4x12	11¼"	5½"	5-8d
6x6	5½"	5½"	3-10d
6x8	7¼"	8½"	5-10d
6x10	9¼"	10½"	6-10d
6x12	11¼"	10½"	6-10d

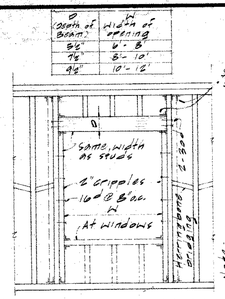


SHEET METAL FRAMING CLIP "FC"

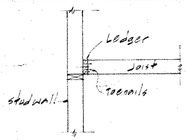
"FC" SCHEDULE			
No.	L	W	No. of 10d ea. leg
#3	3"	4"	2
#5	5"	6"	3
#7	7"	8"	4
#9	9"	10"	5

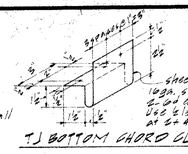


TYPICAL JOIST FRAMING AT ALL OPENINGS IN ROOF
(Unless shown otherwise)

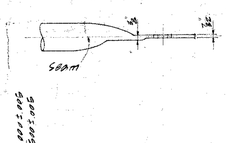


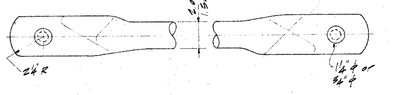
TYPICAL FRAMING AT DOORS & WINDOWS
(Not otherwise shown)



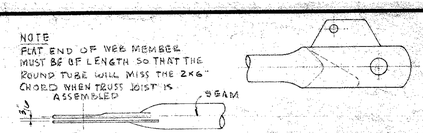


TJ BOTTOM CHORD CLIP

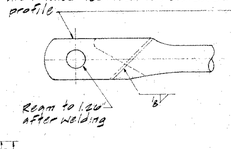


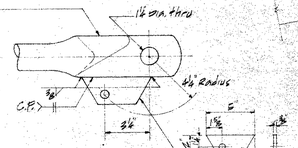


NOTE
FLAT END OF WEB MEMBER MUST BE OF LENGTH SO THAT THE ROUND TUBE WILL MISS THE 2x6" CHORD WHEN TRUSS JOIST IS ASSEMBLED

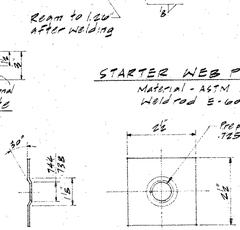


the ends of the TJ starter web are rotated 180° from the standard profile

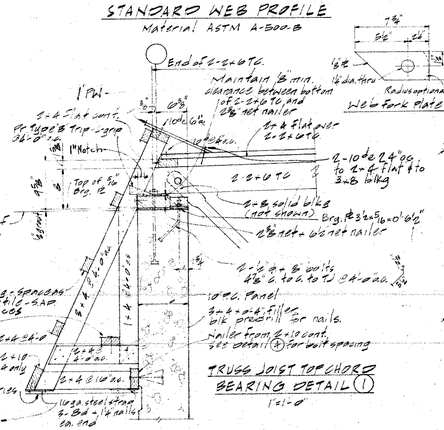


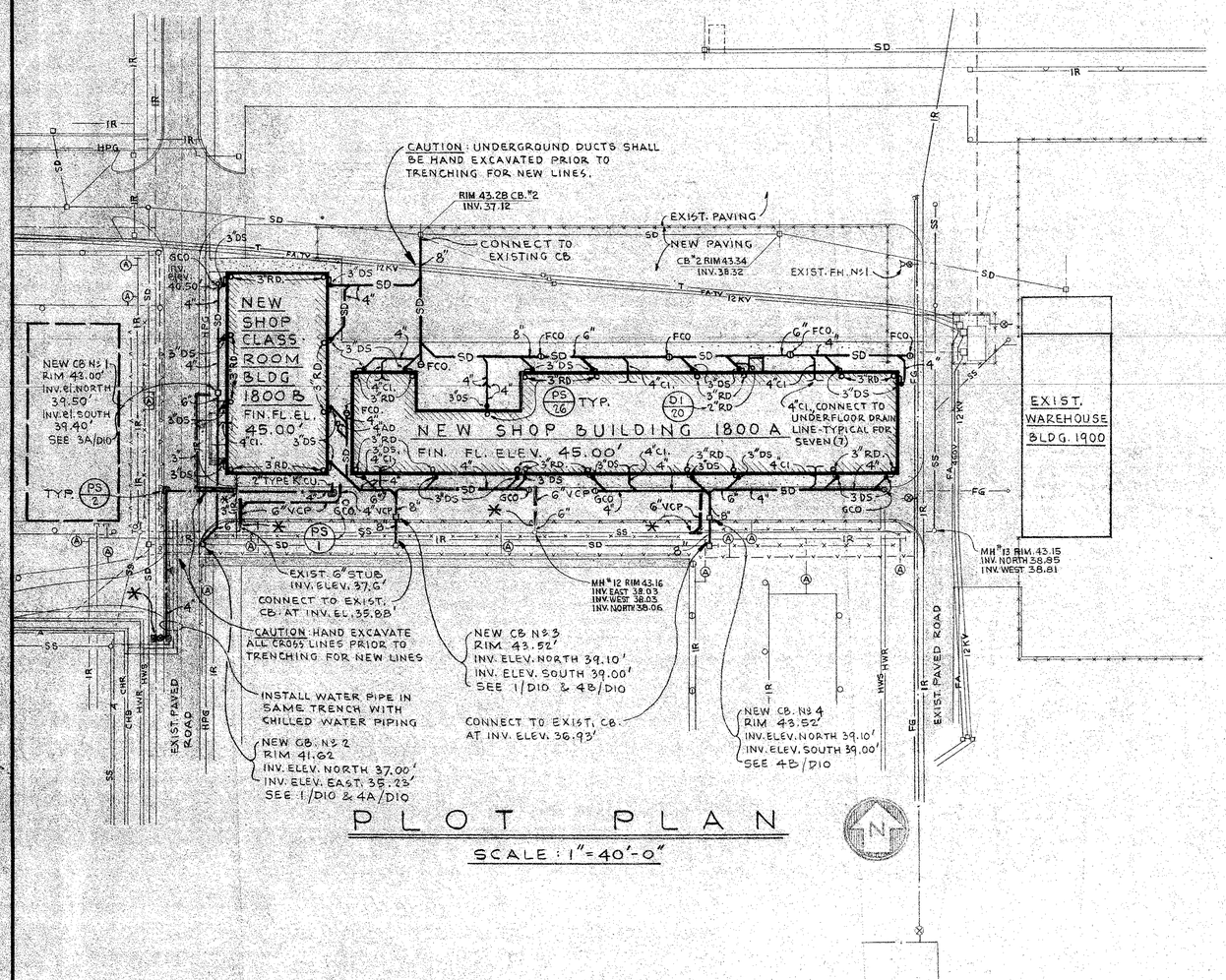


STARTER WEB PROFILE
Material - ASTM A-500-B
Weld rod E-6015



STANDARD WEB PROFILE
Material ASTM A-500-B


End of 2-2x6 TC.
Maintain ⅛" min. clearance between bottom of 1st 2-2x6 to end of 2½" nailer
2-2x6 TC
2-2x6 flat over 2-2x6 TC
2-10d to 2-4 flat & to 3x8 blkg
2-8 solid blks (not shown) Brg. ⅞ 3½ x 5½ - 0'-0 1/2"
2½" 16 ga. 6d net nailer
Top of 5½" Brg. TC
100.05 bond.
2-2x6 TC
2-2x4 stiffeners
2-2x4 stiffeners
2-2x4 stiffeners



PLOT PLAN

SCALE: 1"=40'-0"

GENERAL NOTES

1. ALL PLUMBING LINES CROSSING BURIED ELECTRICAL DUCTS SHALL PASS UNDER SAME WITH 6" MIN. CLEARANCE.
2. PERFORM ALL UNDERGROUND WORK AFTER FINAL ROUGH GRADING.
3. WHERE PIPES CROSS, PIPES AT LOWER DEPTH SHALL BE INSTALLED AND BACKFILLED PRIOR TO INSTALLATION OF OTHER LINES (6" CLEAR).
4. ALL PIPES, UTILITIES AND ELECTRIC RUNS SHALL BE STAKED OUT WITH TRENCH ELEVATIONS NOTED FOR EACH SERVICE FOR ARCHITECTS REVIEW AND APPROVAL BEFORE STARTING EXCAVATION.
5. VERIFY EXACT LOCATION OF ALL REQUIRED EXISTING SERVICES AT SITE.
6. MAKE ALL CONNECTIONS TO EXISTING SERVICES WITH NEW FITTINGS.
7. COVER OVER BURIED EXTERIOR PIPING SHALL BE A MINIMUM OF:
   - 18" FOR CAST IRON PIPING
   - 24" FOR COPPER AND STEEL PIPING.
   - 30" FOR VITRIFIED CLAY AND CONCRETE PIPING
   - 36" FOR ASBESTOS CEMENT PIPING.
8. ADJUST EXISTING MANHOLE FRAMES WITH COVERS, CATCH BASIN FRAMES WITH GRATES, VALVE BOXES, CLEANOUTS ETC. TO FINAL FINISHED GRADE. SET NEW CATCHBASIN FRAMES WITH GRADES, VALVE BOXES, METER BOXES, CLEANOUTS ETC. TO FINAL FINISHED GRADE.
9. SLOPE ALL STORM DRAINS 1/8" PER FOOT MIN. UNLESS APPROVED OTHERWISE BY THE ARCHITECT.
10. DETAILS ARE TO SCALE ONLY IF SO NOTED.
11. OFFSET ALL VENT THRU ROOF PENETRATIONS WHERE REQUIRED TO CLEAR TOP PLATES WITH STEEL ROOF TIE PLATES. SEE STRUCTURAL DRAWINGS.
12. FURNISH AND INSTALL CATCH BASINS #1, 2, 3 & 4, THEIR FRAMES AND GRATES AS SHOWN ON ARCHITECTURAL AND PLUMBING DRAWINGS AND DETAILS.

LEGEND & SYMBOLS

EXISTING	NEW	
SS	SS	SOIL OR WASTE, BURIED
	V	VENT, HORIZONTAL
CW	CW	COLD WATER, DOMESTIC
HW	HW	HOT WATER
HWR	HWR	HOT WATER, RETURN
G	G	GAS, NATURAL
	A	COMPRESSED AIR
	AS	AUTOMATIC FIRE SPRINKLER
SD	SD	STORM DRAINAGE
IR	IR	IRRIGATION COLD WATER & CONTROL WIRE
	AW	ACID RESISTANT WASTE
	AV	ACID RESISTANT VENT
	ACD	AIR CONDITIONING EQUIPMENT DRAIN
	Ac	ACETYLENE
		FULL & PART CIRCLE POP-UP SPRAY HEADS
	Ox	OXYGEN
		CHECK VALVE
		SHUT-OFF VALVE
		SHUT-OFF VALVE IN BOX W/COVER
	ADD	AUTOMATIC DRIP DRAIN
	ARFD	ACID RESISTANT FLOOR DRAIN
	AFCO	ACID RESISTANT FLOOR CLEANOUT
	AVR	ACID RESISTANT VENT RISE
	AVTR	ACID RESISTANT VENT THRU ROOF
	C.I.	CAST IRON
	FCO	FLOOR CLEANOUT
	F.D.	FLOOR DRAIN
	GCO.	GRADE CLEANOUT
	HB	HOSE BIBB
	INV. ELEV.	INVERT ELEVATION
	DS	DOWNSPOUT
	R.D.	ROOF DRAIN
	S.A.	SHOCK ABSORBER
	V.R.	VENT RISE
	VTR.	VENT THRU ROOF
	VCP.	VITRIFIED CLAY PIPE
	C.B.	CATCH BASIN
	AD	AREA DRAIN; WADE W-1430-VP-NB, JOSAM or SMITH
	CFF.	CAP FOR FUTURE
	PFF.	PLUG FOR FUTURE
		CONNECT TO EXIST. SERVICE WITH NEW FITTING - VERIFY LOCATION
	AR	AIR REEL
	APRA	AIR PRESSURE REDUCING ASSEMBLY
	WR	WATER REEL
	WPRA	WATER PRESSURE REDUCING ASSEMBLY
	AP	ACCESS PANEL
	AQC	AIR QUICK CONNECTOR
OTV		OIL TANK VENT
		STRAINER WITH BLOW-OFF COCK
		ABANDONED SERVICE
	DAR	DUAL AIR REEL
	QC	QUICK COUPLING VALVE
	RCV.	AUTOMATIC REMOTE CONTROL VALVE

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
84859
APPL. NO. PER [signature] DSA PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
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FEB 28 1972

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DATE Feb. 23, 72 JOB NO. 71-100

[signature]
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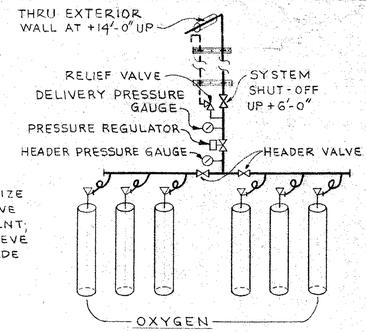
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT [signature] OWNER [signature] CONTRACTOR

VOCATIONAL BUILDINGS 1800A & 1800B
PLUMBING - PLOT PLAN, LEGEND, SYMBOLS, GENERAL NOTES

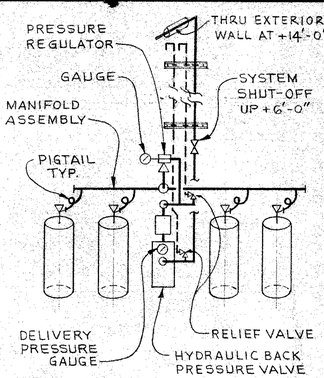
DATE JAN. 7. 1972
DRAWN
DWG. NO. P-1
JOB NO. 67-1-R

PRINTED ON DIAPO NO. 1000H CLEARPRINT 1-70

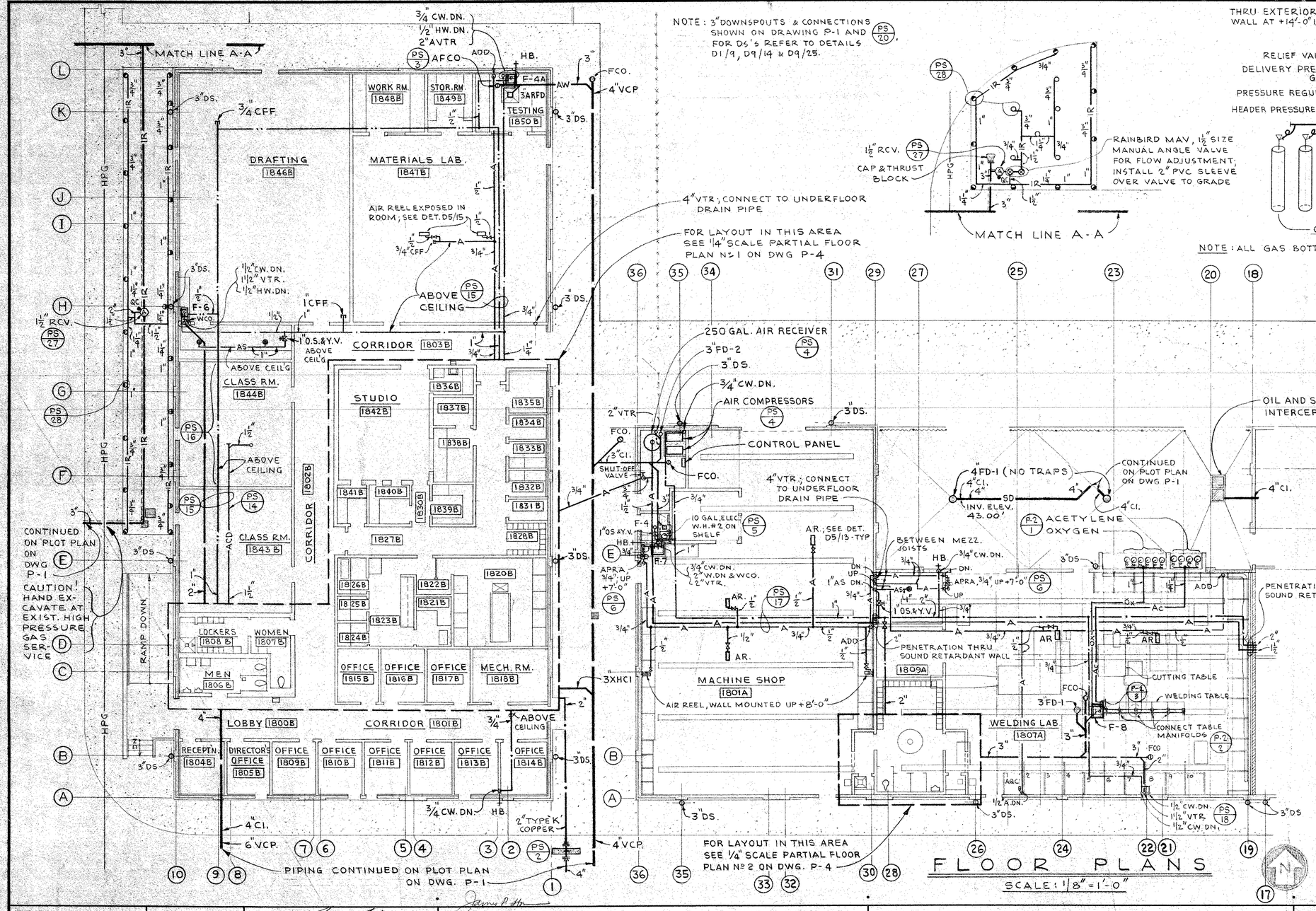
NOTE: 3" DOWNSPOUTS & CONNECTIONS SHOWN ON DRAWING P-1 AND FOR DS'S REFER TO DETAILS D1/9, D9/14 & D9/25.



NOTE: ALL GAS BOTTLES NOT IN CONTRACT

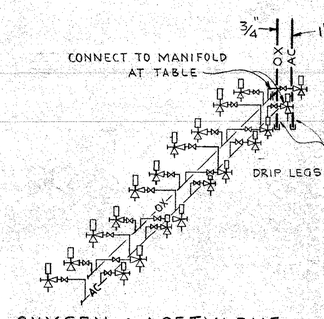


P-2/1 OXYGEN & ACETYLENE MANIFOLDS

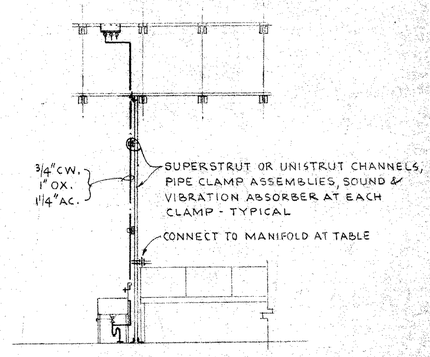


FLOOR PLANS

SCALE: 1/8" = 1'-0"



P-2/2 OXYGEN & ACETYLENE PIPING DIAGRAM



P-2/3 PIPING DROPS AT WELDING TABLE

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPL. NO. 34859 PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
3-25-72

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DATE FEB 25-72 JOB NO. 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG. 1800 B & PARTIAL BLDG 1800A
PLUMBING - FLOOR PLANS

DATE JAN. 7, 1972
DRAWN
DWG. NO. P-2
JOB NO. 67-1-R

515 GALLON RECLAIMABLE OIL COLLECTING TANK (PS/8)

515 GALLON RECLAIMABLE OIL AND VOLATILE LIQUID COLLECTING TANK (PS/8)

WASTE OIL RECEPTOR, INSTALL AS CLOSE TO WALL AS POSSIBLE

WASTE OIL RECEPTOR, INSTALL AS CLOSE TO WALL AS POSSIBLE

PAINT BOOTH 1818A

SINGLE POST CAR LIFT

TWIN POST CAR LIFT

UNDER FLOOR AUTO MECHANICS 1810A

AUTO BODY & PAINT 1817A

AIR & OIL OPERATING VALVES FOR CAR LIFTS BETWEEN MEZZ. JOISTS

PENETRATION THRU SOUND RETARDANT WALL

4" VTR. CONNECT TO UNDERFLOOR DRAIN PIPE

AIR POWER 1821A

AIR FRAME MECH. 1829A

ABOVE CEILING Spray Booth ADD.

FOR PIPE MOUNTING SEE (PS/17)

O.S.&Y. VALVE AND CHECK VALVES IN CONCRETE METER BOX WITH COVER

TWO-WAY AS. FIRE DEP'T. CONNECTION (PS/9)

CONNECT TO EXISTING SERVICES

WPRA No. 1 (PS/10)

FOR LAYOUT IN THIS AREA SEE 1/4" SCALE PARTIAL FLOOR PLAN No. 3 ON DWG. P-4

CONTINUED ON PLOT PLAN ON DWG. P-1

FOR LAYOUT IN THIS AREA SEE 1/4" SCALE PARTIAL FLOOR PLAN No. 4 ON DWG. P-4.

CONTINUED ON PLOT PLAN ON DWG. P-1

NOTE: 3" DOWNSPOUTS & CONNECTIONS SHOWN ON DRAWING P-1 AND FOR DS'S REFER TO DETAILS D1/9, D9/14 & D9/25. (PS/20)

SUPERSTRUT CHANNEL, PIPE CLAMP ASS'Y, SOUND & VIBRATION ABSORBER AT EACH CLAMP TYPICAL

AIR PRESSURE REGULATOR, 3/4" SIZE

TO PRESSURE SWITCH

7'-0"

STRAINER, SOLENOID V. 3-WAY V. FURNISHED UNDER ANOTHER SECTION

(P-3/1) AIR PRESSURE REDUCING ASS'Y
NO SCALE

FLOOR PLAN

SCALE: 1/8" = 1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 '72
APPL. NO. 34859 PER [signature] DSA PRIN. STRUC. ENGR.

APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA
FEB 28 1972

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DATE FEB. 23, '72 JOB NO. 71-100

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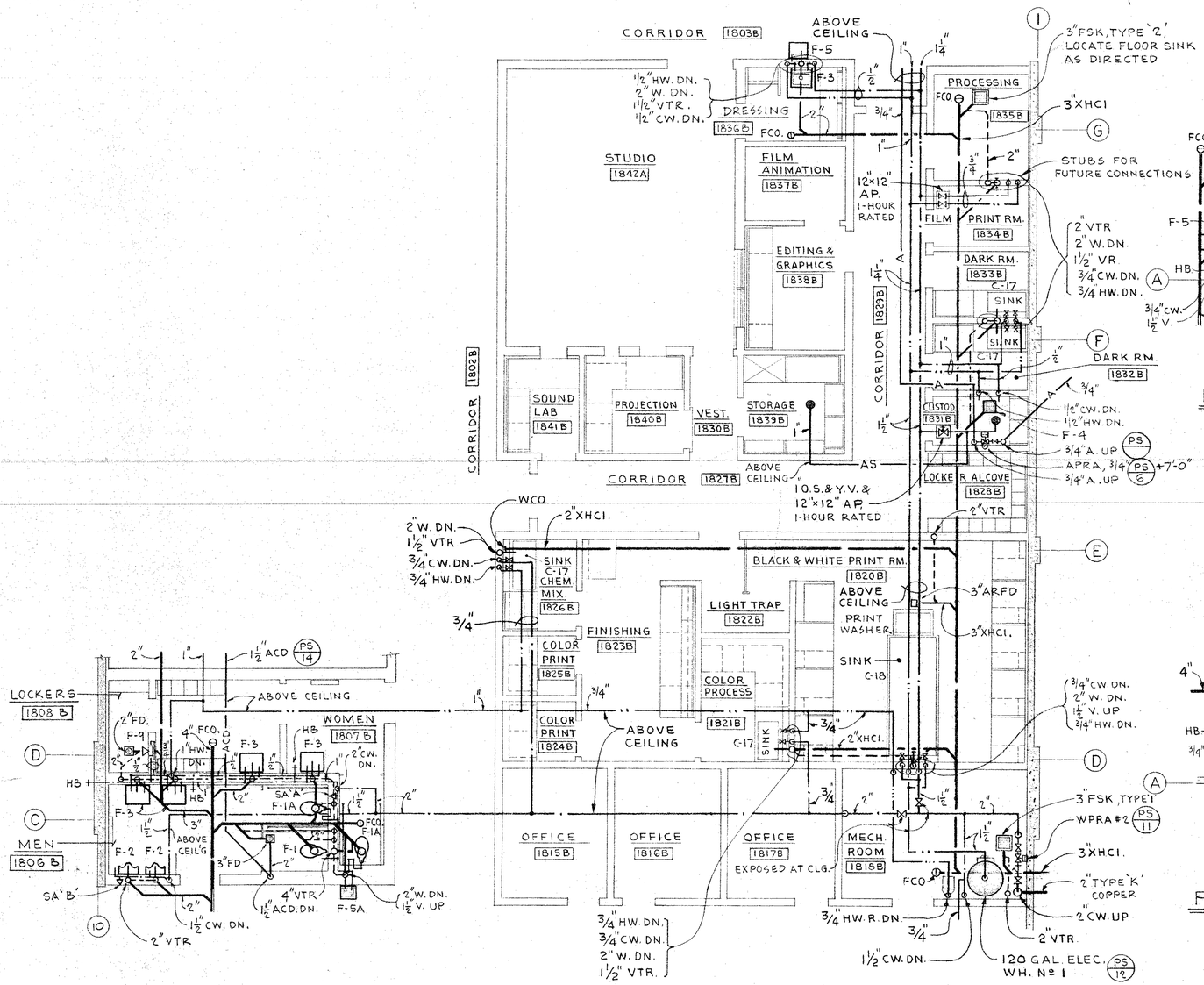
SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT [redacted] OWNER [redacted] CONTRACTOR [redacted]

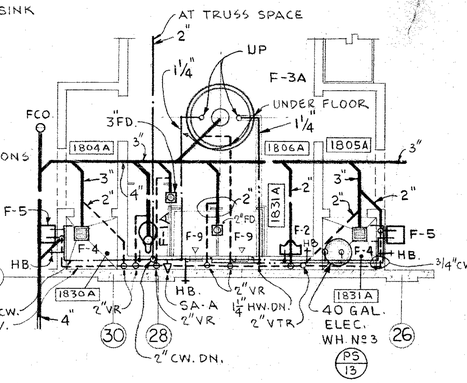
VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BLDG. 1800A
PLUMBING - FLOOR PLAN

DATE JAN. 7, 1972
DRAWN
DWG. NO. P-3
JOB NO. 67-1-R



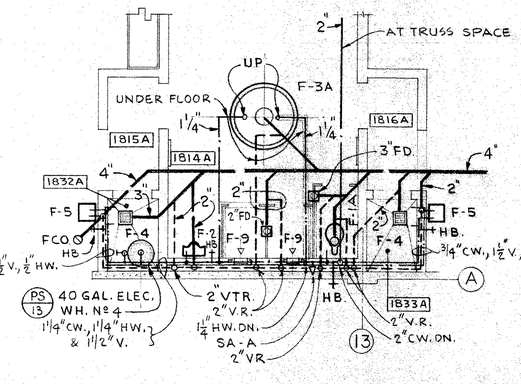
PARTIAL FLOOR PLAN Nº 1

SCALE : 1/4"=1'-0"



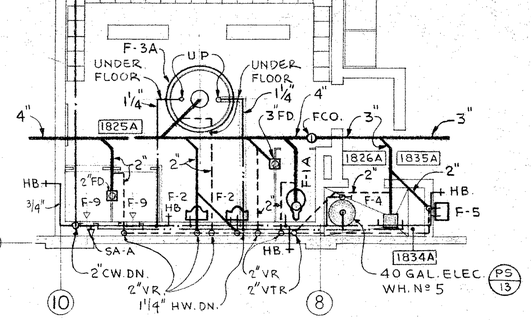
PARTIAL FLOOR PLAN Nº 2

SCALE : 1/4"=1'-0"



PARTIAL FLOOR PLAN Nº 3

SCALE : 1/4"=1'-0"



PARTIAL FLOOR PLAN Nº 4

SCALE : 1/4"=1'-0"

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED
FEB 28 1972
34859
APPL. NO. PER [signature] PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
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FEB 28 1972

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DATE Feb.23,72 | JOB NO. 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
[redacted] ARCHITECT | [signature] OWNER | [redacted] CONTRACTOR

VOCATIONAL BUILDINGS 1800
PLUMBING
PARTIAL FLOOR PLANS

DATE JAN.7.1972
DRAWN
DWG. NO. P-4
JOB NO. 67-1-R

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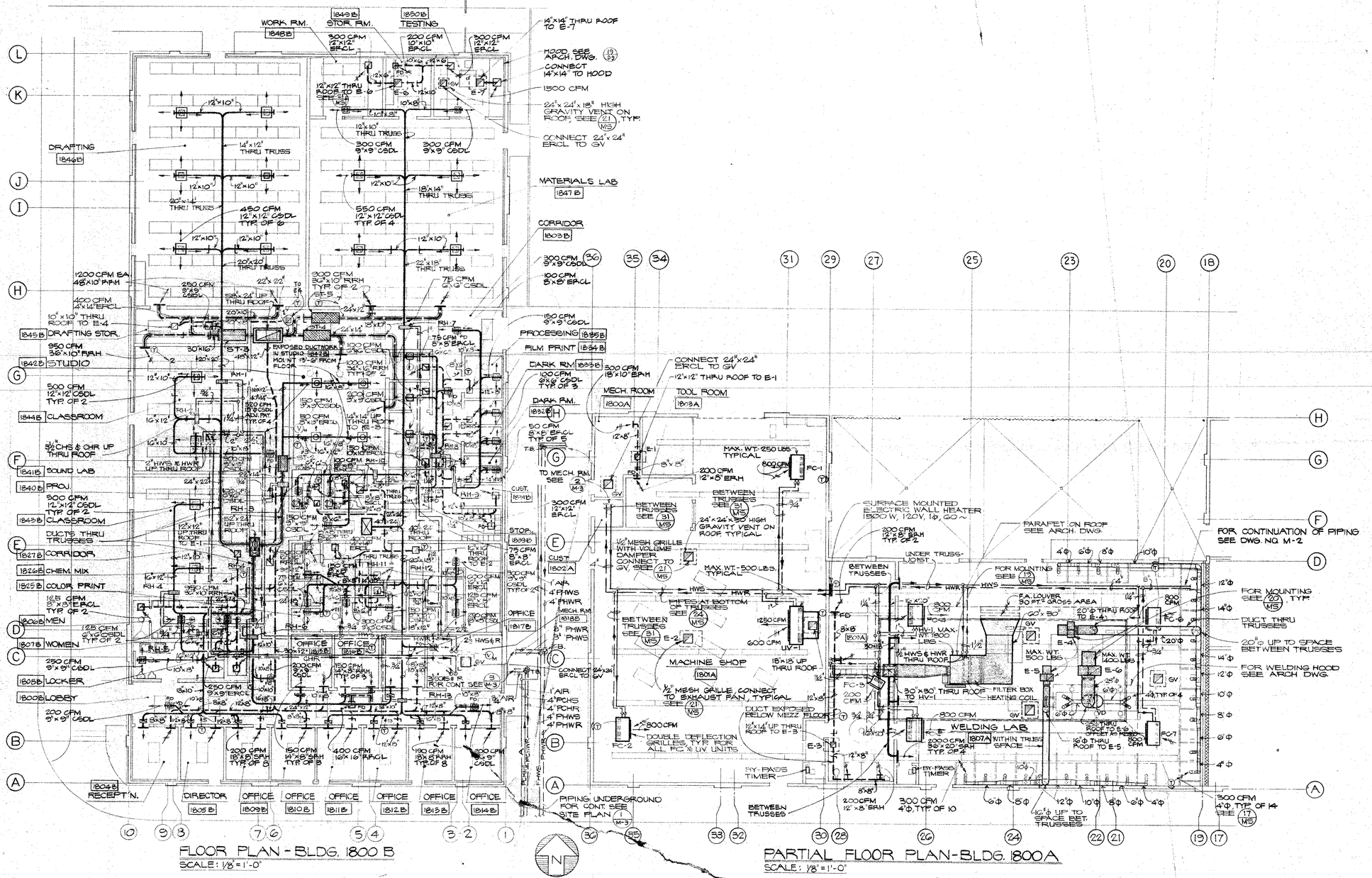
WORK RM. 1848 B
STOR. RM. 1850 B
TESTING
DRAFTING 1846 B
MATERIALS LAB 1847 B
CORRIDOR 1803 B
PROCESSING 1835 B
FILM PRINT 1834 B
DARK RM. 1833 B
DARK RM. 1832 B
MECH. ROOM 1800A
TOOL ROOM 1803A
MACHINE SHOP 1801A
WELDING LAB 1807A
1845 B DRAFTING STOR.
1842 B STUDIO
1844 B CLASSROOM
1841 B SOUND LAB
1840 B PROJ.
1843 B CLASSROOM
1827 B CORRIDOR
1826 B CHEM. MIX
1825 B COLOR PRINT
1806 B MEN
1807 B WOMEN
1808 B LOCKER
1800 B LOBBY
1804 B RECEPT'N.
1805 B DIRECTOR
1809 B OFFICE
1810 B OFFICE
1811 B OFFICE
1812 B OFFICE
1813 B OFFICE
1814 B OFFICE
1802 A CUST.
1803 B STOR.
1817 B OFFICE
1818 B OFFICE
1819 B MECH. RM.
1820 B STOR.
1821 B CUST.
1822 B STOR.
1823 B STOR.
1824 B STOR.
1825 B STOR.
1826 B STOR.
1827 B STOR.
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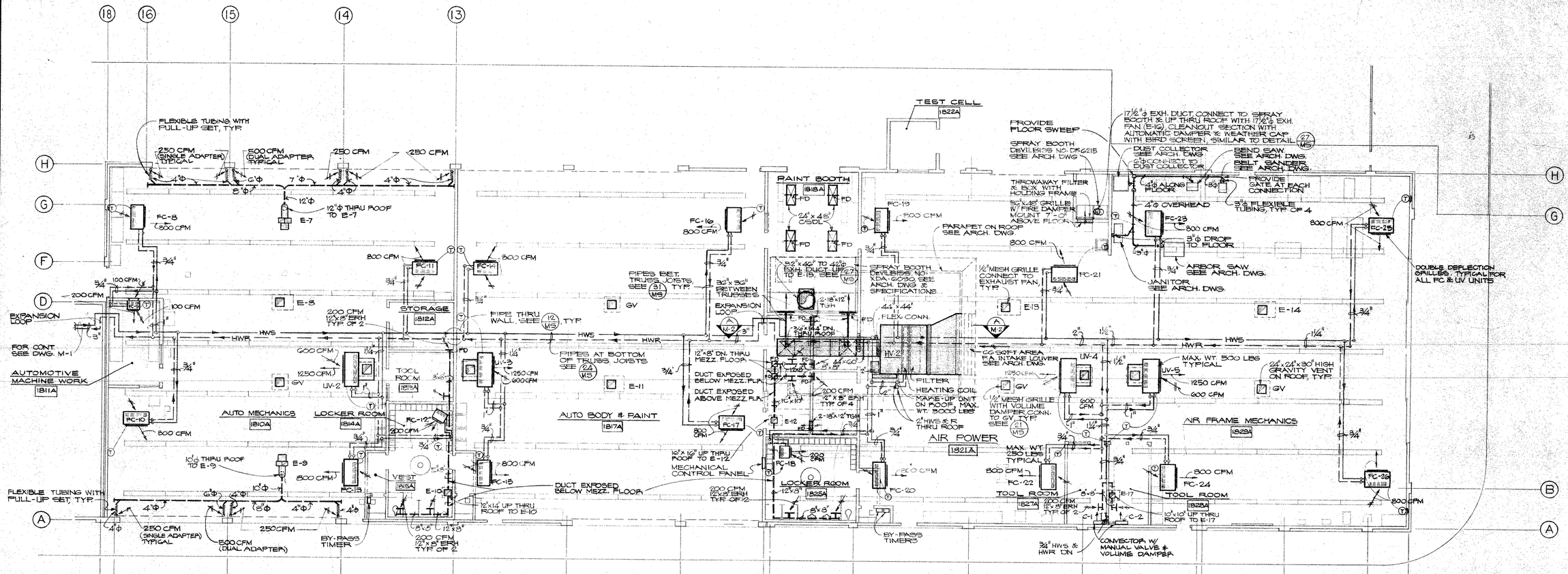
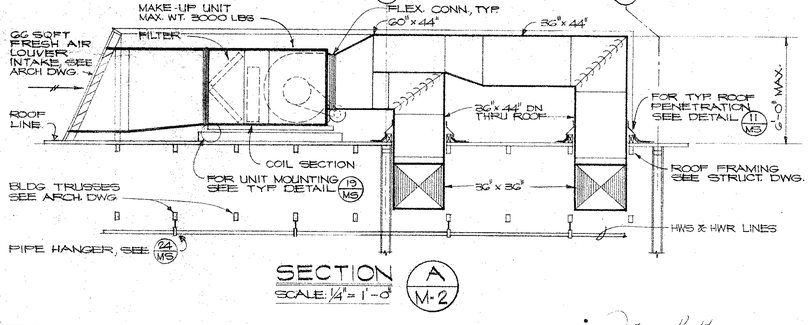
1832 B STOR.
1833 B STOR.
1834 B STOR.





SECTION A / M-2
SCALE: 1/4"=1'-0"

PARTIAL FLOOR PLAN - SHOP BUILDING 1800 A
SCALE: 1/8"=1'-0"

N

NOTE:
FOR GENERAL NOTES, SEE DWG. NO. M-1

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED
FEB 20 1972
94459
APPL. NO. PER [signature] PRIN. STRL. ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
[signature]
DATE

CONSULTANTS
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(415) 421-1042
DRWN BY CC/AM CHK HA APPR RG
DATE JAN 25, 1972 JOB NO. 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDING 1800
PARTIAL SHOP BUILDING 1800A
MECHANICAL FLOOR PLAN

DATE JAN. 7, 1972
DRAWN
DWG. NO. M-2
JOB NO. 67-1-R

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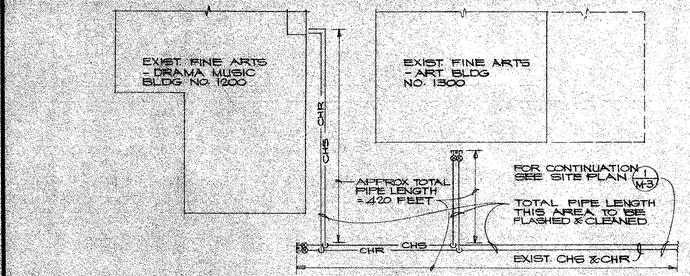
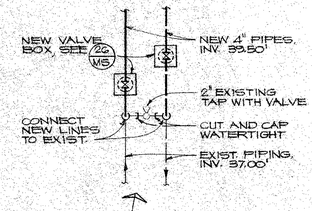
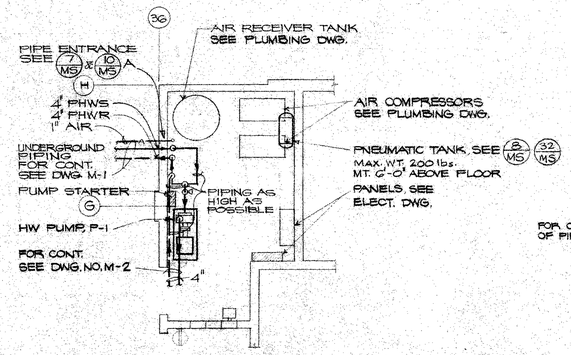


PART. SITE PLAN

SCALE: 1" = 40'-0"

5 M-3

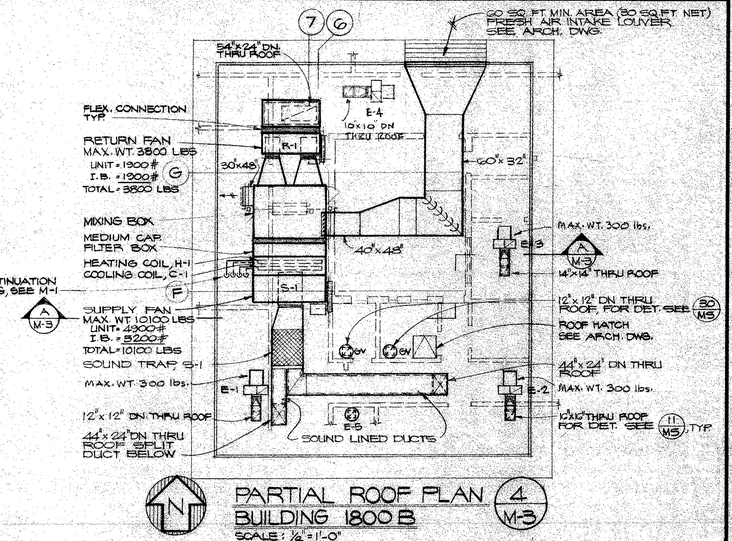




MECHANICAL ROOM-BLDG. 1800A

SCALE: ¼"=1'-0"

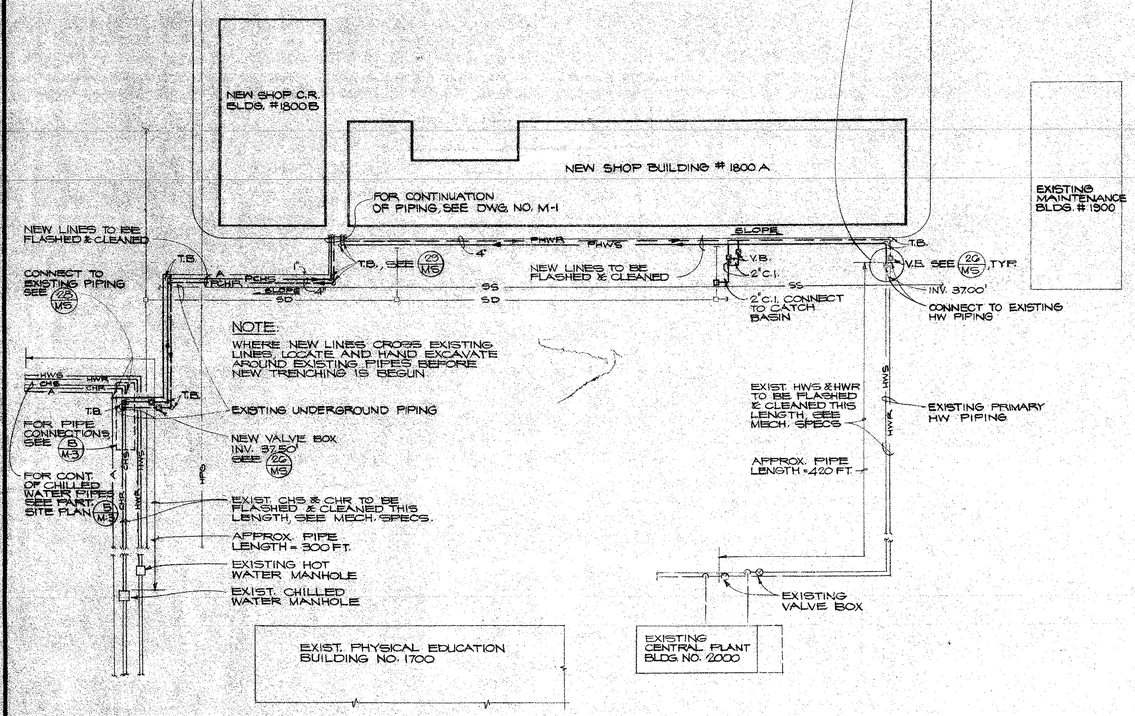
2 M-3



PARTIAL ROOF PLAN BUILDING 1800 B

SCALE: ⅛"=1'-0"

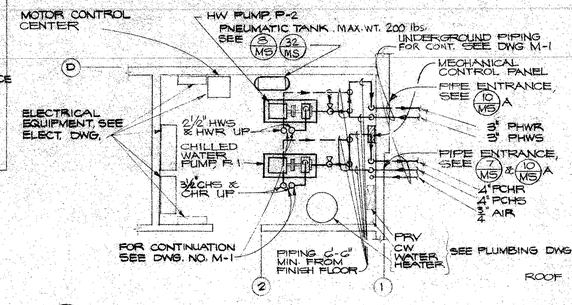
4 M-3



SITE PLAN

SCALE: 1" = 40'-0"

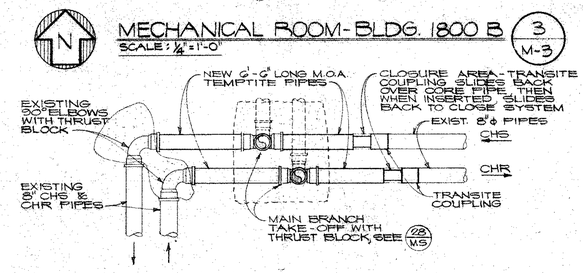
1 M-3



MECHANICAL ROOM-BLDG. 1800 B

SCALE: ¼"=1'-0"

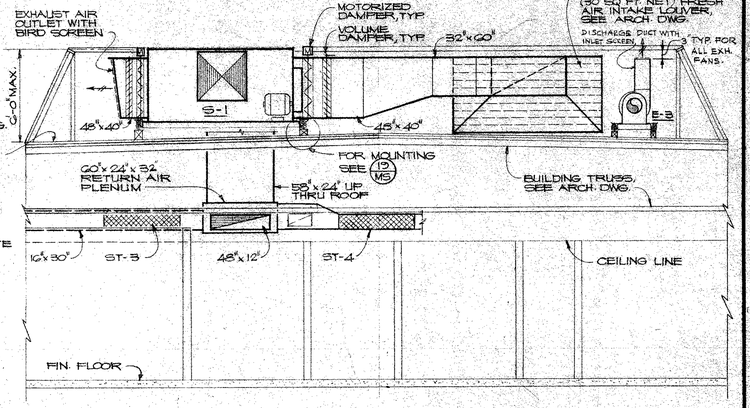
3 M-3



MAIN PIPE CONNECTIONS

NO SCALE

B M-3



SECTION

SCALE: ¼"= 1'-0"

A M-3

NOTE:
FOR GENERAL NOTES, SEE DWG. NO. M-1

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 23 1972
94859
APPL. NO. PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 23 1972

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

VOCATIONAL BUILDINGS 1800A & 1800B
SITE PLAN, MECHANICAL ROOMS, PART. ROOF PLAN

DATE JAN. 7, 1972
DRAWN
DWG. NO. M-3
JOB NO. 67-1-R

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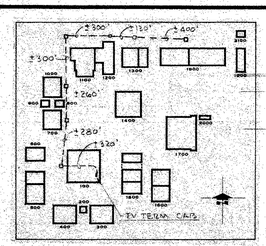
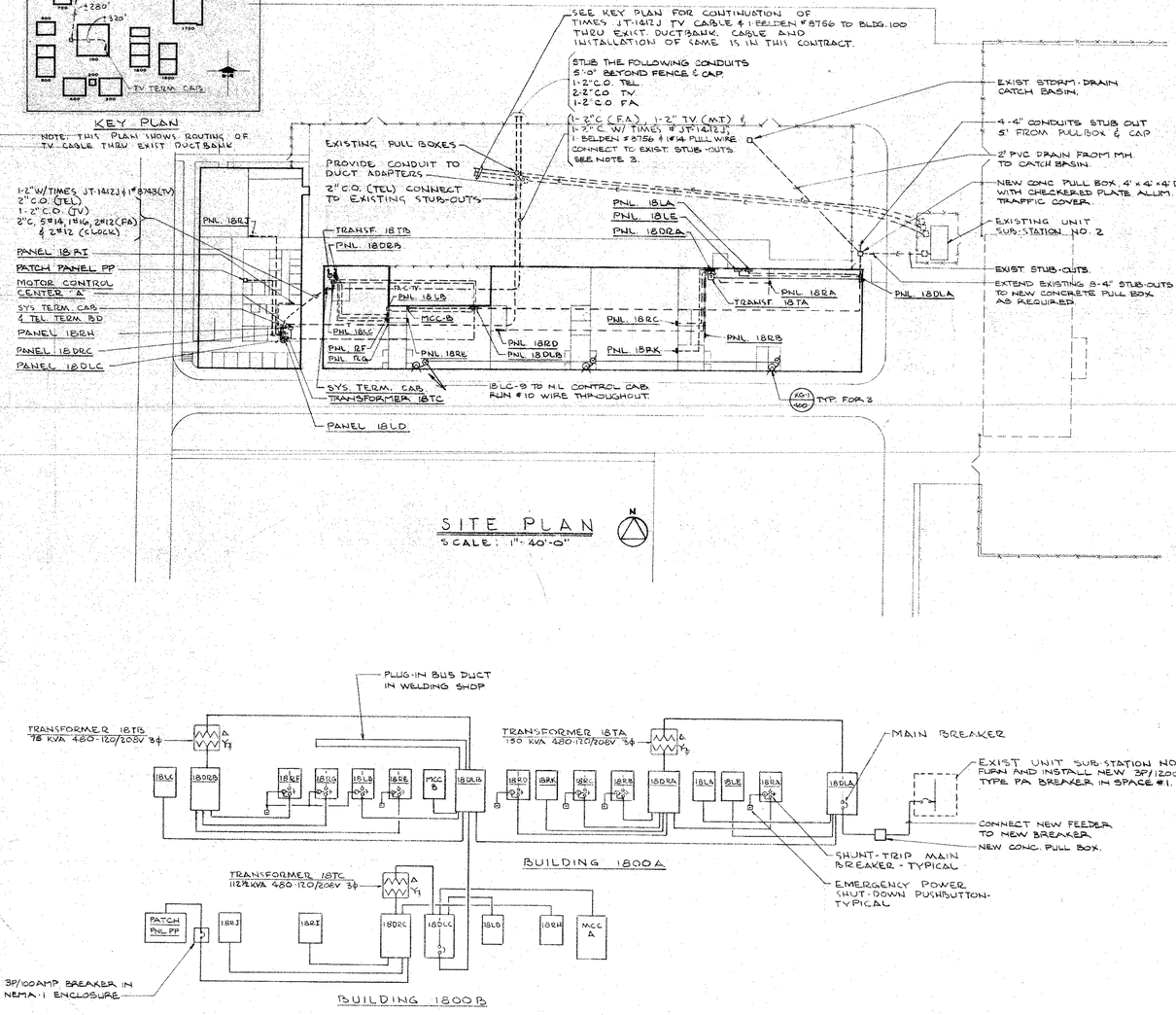


KEY PLAN

NOTE: THIS PLAN SHOWS ROUTING OF TV CABLE THRU EXIST. DUCTBANK



SITE PLAN

SCALE: 1"=40'-0"

SINGLE-LINE DIAGRAM

NOTE: CONNECT COIL OF SHUNT-TRIP MAIN BREAKERS WITH SUITABLE FUSE TO FEEDER AHEAD OF MAIN BREAKER.

PANEL BOARD SCHEDULES

NO.	MTG.	MAIN BUS OR BREAKER	BRANCH CIRCUITS POLE	AMP	QTY	NO.	SPARES	SPACE	REMARKS
277/480 VOLT 3ϕ 4W									
18DLA	SURFACE								
18DLB	FLUSH		SEE SPECIFICATIONS FOR SCHEDULES.						
18DLC	SURFACE								
18LA	SURFACE	100 AMP	1	20	24	1-24	19-24		
18LB	FLUSH	3P/100A SHUNT TRIP	3 3	20 50	3 7	1-3 4-10		4-10	
18LC	SURFACE	100 AMP	1 3 3 3	20 20 30 50	18 2 1 1	1-18 19-20 21 22	10-18	22	
18LD	↓	↓	1	20	18	1-18	8-18		
18LE			3 3	20 50	5 3	1-5 6-8		7-8	
120/208 VOLT 3ϕ 4W									
18DRA	SURFACE								
18DRB	SURFACE		SEE SPECIFICATIONS FOR SCHEDULES.						
18DRC	SURFACE								
18RA	FLUSH	3P/225A SHUNT TRIP	1 2 2 2 3 3 3	20 20 70 50 20 30 50	30 2 2 2 6 1 3	1-30 31,32 33,35 34,36 37-42 43 44-46	13-30	34,36 44-46	DOUBLE PANEL
18RB	↓	↓	1 2 2 3 3	20 20 50 20 50	26 1 1 3 3	1-26 27 28 29-31 32	21-26	32	
18RC			1 2 2 3 3	20 70 100 20 50	26 1 1 2 2	1-26 27 28 29,30 31-32	7,18-26	28 31,32	
18RD			1 3	20 20	30 4	1-30 31-34	12,20,22-30		
18RE			1 2 2 3	20 70 100 20	26 1 1 4	1-26 27 28 29-32	2-4,18,20,22-26	28	
18RF			1 3 3	20 20 50	6 10 2	1-6 7-16 17 18	3-6	17,18	
18RG			1 3 3	20 20 50	18 5 3	1-18 19-23 24-26	12-18	24-26	
18RH	SURFACE	225AMP	1	20	36	1-36	4,6,7,18,28-36		
18RI	FLUSH		1 1	20 30	41 1	1-41 42	7,9-12,36-41		
18RJ	↓	↓	1 2 2 3 3	20 20 50 20 50	24 4 2 1 1	1-24 25-28 29-30 31 32	16-24	29-30 32	
18RK	↓	↓	1	20	36	1-36	26-36		

GENERAL NOTES

1. EARTHQUAKE PROOFING OF LIGHTING FIXTURES:
   A. IF A FIXTURE WEIGHS MORE THAN SIX (6) POUNDS OR EXCEEDS SIXTEEN (16) INCHES IN DIAMETER, IT SHALL NOT BE SUPPORTED ON THE SCREW SHELL OF THE LAMPHOLDER.
   B. IF A FIXTURE WEIGHS MORE THAN FIFTY (50) POUNDS, IT SHALL BE SUPPORTED INDEPENDENTLY OF THE OUTLET BOX (SUB-ARTICLE E-410-D, TITLE 24).
   C. THE FIXTURE SHALL BE SUCH THAT IT CAN SWING HORIZONTALLY IN ANY DIRECTION TWENTY (20) DEGREES FROM THE VERTICAL FOR STEEL, POT METAL OR ALUMINUM, PROVIDE SWAY ADAPTERS AT EACH FIXTURE.
2. THE ELECTRICAL DRAWINGS INDICATE OUTLET LOCATIONS, THEIR CIRCUITING AND CONTROL, EQUIPMENT LOCATIONS AND BRANCH CIRCUIT HOMERUNS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE CONDUIT INSTALLATION WITH REQUIRED WIRING AND CONNECTION TO SATISFY DRAWING NOTATIONS OF ALL SYSTEMS. ALL CONDUITS SHALL BE SIZED PER N.E.C.
3. PULL IN THE FOLLOWING WIRES AND CONNECT AS FOLLOWS:
   A. PICK UP EXIST 2#12 F.A. ANNUNCIATOR WIRING COILED IN EXISTING MANHOLE AND EXTEND TO FA CONTROL PANEL THROUGH TERMINAL CABINET.
   B. RUN 2#12 FROM F.A. CONTROL PANEL THROUGH TERMINAL CABINET TO EXISTING MANHOLE AND MAKE REQUIRED WATERTIGHT SPLICE TO THE EXISTING EVACUATION LOOP.
   C. RUN 3#12 FROM CLOCK SYSTEM RECTIFIER THROUGH TERMINAL CABINET TO EXISTING MANHOLE AND MAKE REQUIRED WATERTIGHT SPLICE TO THE EXISTING CLOCK SYSTEM WIRING.
4. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
5. REFER TO SECTION D-13 OF THE SPECIFICATIONS FOR ELECTRICAL DETAILS.
6. ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS & ELEV. FOR EXACT LOCATION OF CLOCK, T.V., RECEPTACLES AND OTHER OUTLETS.
7. ELECTRICAL CONNECTIONS TO EQUIPMENT LISTED ON ARCH. DWGS. A-20 & 21 AND SEC. 28 OF SPECS. ARE TO BE INCLUDED IN THIS CONTRACT. THIS CONTRACTOR SHALL FURNISH AND INSTALL A FLEXIBLE CONNECTION FROM JUNCTION BOX TO PERMANENTLY WIRED EQUIPMENT. ALL EQUIPMENT SHOWN AS PLUG-IN UNITS SHALL BE EQUIPPED WITH A CORD AND MATCHING CAP FOR THE RECEPTACLE FURNISHED. ALL EQUIPMENT PERMANENTLY WIRED SHALL BE GROUNDED WITH A SEPARATE GROUND WIRE. SEE NOTE #12.
8. ALL OVERHEAD CONDUIT AND WIRE IN SHOPS SHALL BE ROUTED AT THE TOP CHORD OF TRUSSES AND IF POSSIBLE CONCEALED IN CEILING OR ROOF CONSTRUCTION.
9. ALL OUTLETS ON PRECAST CONCRETE WALLS MAY BE SURFACE MOUNTED IN A CAST BOX.
10. ALL FIXTURES SHALL BE SUPPORTED IN ACCORDANCE WITH TITLE 24 REGARDLESS OF WEIGHT OR SIZE SEE ARCH SPECS SEC. 22
11. IF FIRE ALARM AND CLOCK WIRING NOTED AS EXISTING IN NOTE 3 IS NOT IN MANHOLE, CONTRACTOR SHALL EXTEND NEW WIRE TO NEAREST POINT OF CONNECTION.
12. IF SHOP EQUIPMENT LISTED AS N.I.C. IS NOT DELIVERED TO THE JOB SITE BEFORE ACCEPTANCE OF THE BUILDINGS BY THE OWNER, CONTRACTOR SHALL PROVIDE A CAP WITH SIX FEET OF FLEX FOR CONNECTION TO PLUG-IN UNITS AND SIX FEET OF FLEX FROM J-BOX FOR PERMANENTLY WIRED EQUIPMENT.
13. ADJUST EXISTING MANHOLE FRAMES AND COVERS TO FINAL FINISHED GRADE.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED
APPL. NO. PER PRIN. STRL. DSGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

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DATE: 23 FEB 72 | JOB NO: 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT OWNER CONTRACTOR

VOCATIONAL BUILDINGS 1800
ELECTRICAL - SITE PLAN, SINGLE-LINE DIAGRAM AND SCHEDULES

DATE JAN 7, 1972
DRAWN
DWG. NO. E-1
JOB NO. 67-1-R

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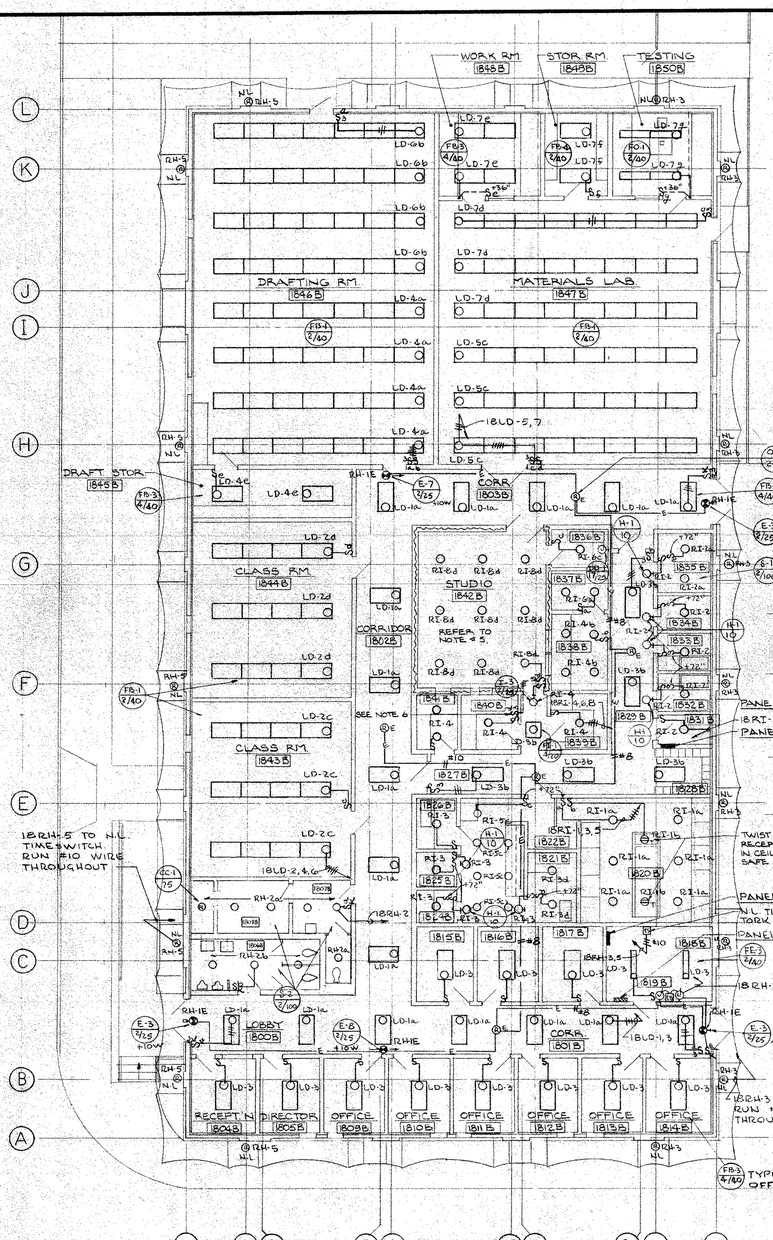

FLOOR PLAN - BLDG. 1800B - LIGHTING
SCALE: 1/8" = 1'-0"

PARTIAL FLOOR PLAN - BLDG. 1800A - LIGHTING
SCALE: 1/8" = 1'-0"

NOTES:
1. N.L. CONTROL CABINET SHALL BE CONTRUCTED SIMILAR TO PANELBOARDS AND BE OF SUFFICIENT SIZE TO CONTAIN THE FOLLOWING:
   1 - TIMESWITCH TORK #7100 ZL
   1 - 4P/20 AMP RELAY ASCO BULL #1054
2. FLUORESCENT FIXTURES FL-2 AND FL-3 ARE ATTACHED TO UNISTRUT SUPPORTS. FURNISHED BY OTHERS SEE SPECIFICATIONS FOR MOUNTING DETAIL (15/64)
3. REFER TO SPECIFICATIONS FOR MOUNTING DETAIL OF FIXTURE Xa-1 (15/64)
4. REFER TO ARCHITECTURAL DETAIL (7/D9) FOR WELDING BOOTH DETAIL SHOWING LOCATION OF FIXTURE FL-1
5. COORDINATE EXACT LOCATION OF STUDIO WORK LIGHTS WITH MECHANICAL DUCTS AND PLUGGING BATTENS.
6. PROVIDE ENGRAVED NAMEPLATE 'STUDIO WORK LIGHTS'

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 19
34859
APPL. NO. PER [signature] PRIN. ASST., ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
[signature]
FEB 28 19

CONSULTANTS Gerard M. Walker PE 5744

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DATE 2 FEB 72 | JOB NO. 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG. 1800B & PARTIAL BLDG. 1800A
ELECTRICAL FLOOR PLAN - LIGHTING

DATE JAN 7, 1972
DRAWN
DWG. NO. E-2
JOB NO. 67-1-12

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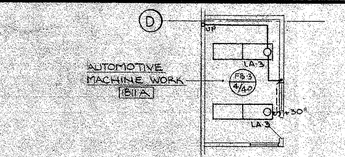
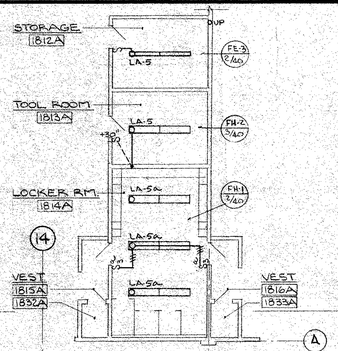
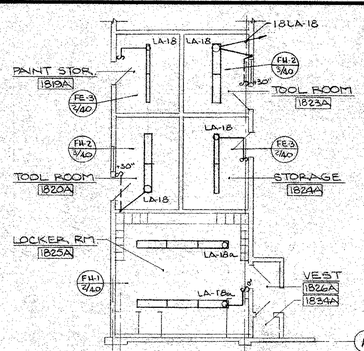


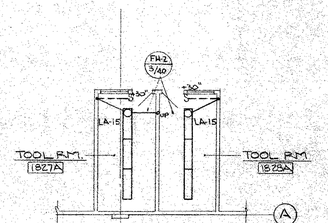
PARTIAL PLAN - LOWER AREA



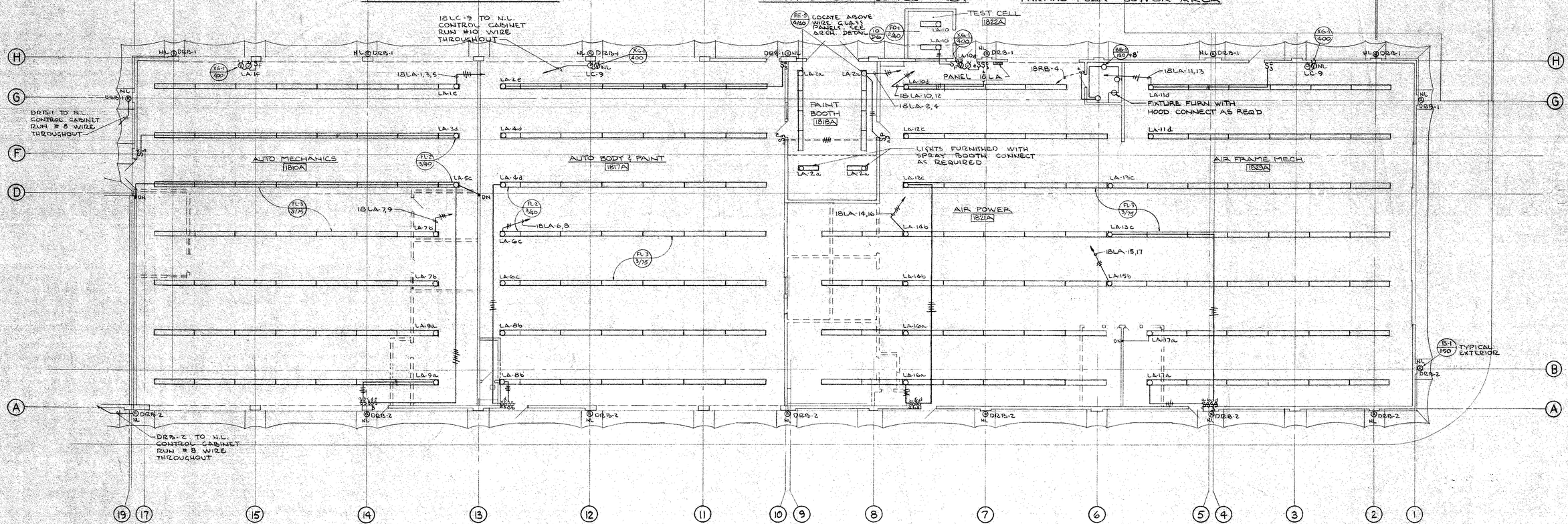
PARTIAL PLAN - LOWER AREA



PARTIAL PLAN - LOWER AREA



PARTIAL PLAN - LOWER AREA



FLOOR PLAN - LIGHTING

NOTE:
1. FLUORESCENT LIGHT FIXTURES FL-2 AND FL-3 ARE ATTACHED TO UNISTRUT SUPPORTS FURN BY OTHERS. SEE SPECS FOR MOUNTING DETAIL (14/E5)
2. REFER TO SPECIFICATIONS FOR MOUNTING DETAIL OF FIXTURE XG-1 (19/E5)

STATE OF CALIF. - DEPT. OF GEN. SERVICES
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APPROVED FEB 22 1972
34859
APPL. NO. PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 2 1972

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SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

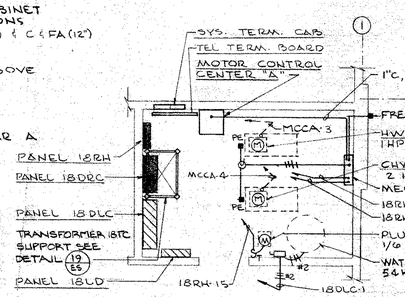
VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BUILDING 1800A
ELECTRICAL FLOOR PLAN - LIGHTING

DATE JAN. 7, 1972
DRAWN
DWG. NO. E-3
JOB NO. 67-1-R

PRINTED ON OZEPO NO. 1000R CLEARPRINT J-30

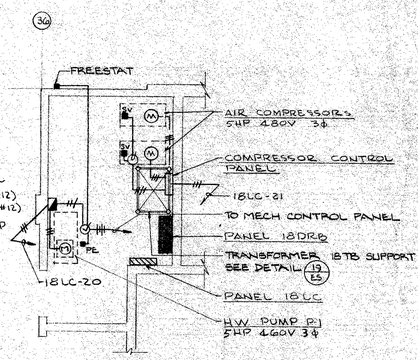
ELECT. EQUIPMENT IN MECH. ROOMS

- (A) TRANSFORMER 18TB ABOVE SEE DETAIL (19/E5)
- (B) PANEL 18DRB
- (C) PANEL 18LC
- (D) CDCS SUPERVISORY PANEL
- (E) F.A. CONTROL PANEL ABOVE CDCS
- (F) CLOCK SYSTEM RECTIFIER ABOVE TERMINAL CABINET.
- (G) SYSTEMS TERMINAL CABINET 48" X 24" X 4"D 3 SECTIONS WITH BARRIERS FOR TEL.(18") TV(18") & CLOCK & F.A.(12")
- (H) PANEL 18RH
- (I) TEL. EQUIPMENT MOUNTING BOARD ABOVE TERMINAL CABINET 36" X 48" X 3/4" PLYWOOD
- (J) SYSTEMS TERMINAL CABINET 30" X 24" X 4"D 2 SECTIONS W/BARRIERS FOR TV(18") & C & FA(12")
- (K) PANEL 18DRC
- (L) TRANSFORMER 18TC ABOVE SEE DETAIL (19/E5)
- (M) PANEL 18DLC
- (N) PANEL 18LD
- (O) MOTOR CONTROL CENTER A



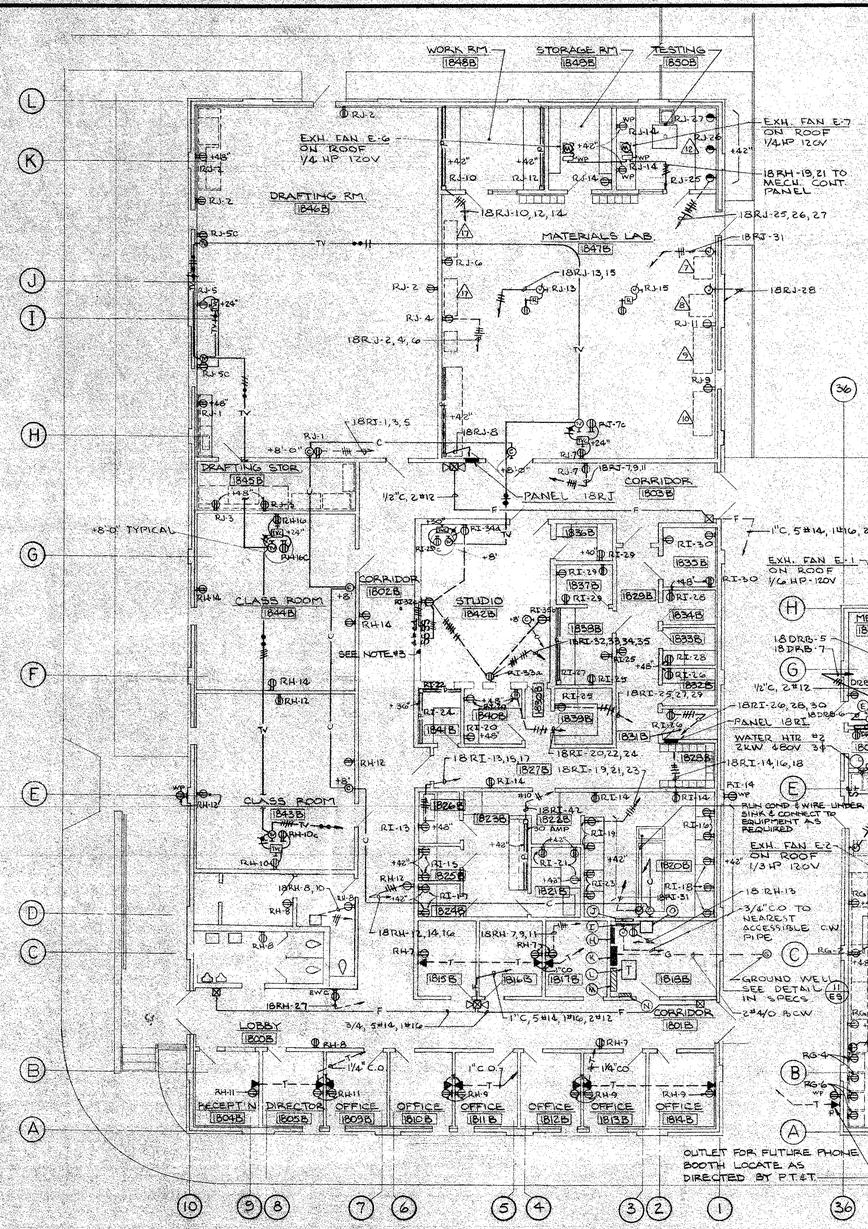
MECH. RM. - BLDG. 1800B

SCALE: 1/4" = 1'-0"



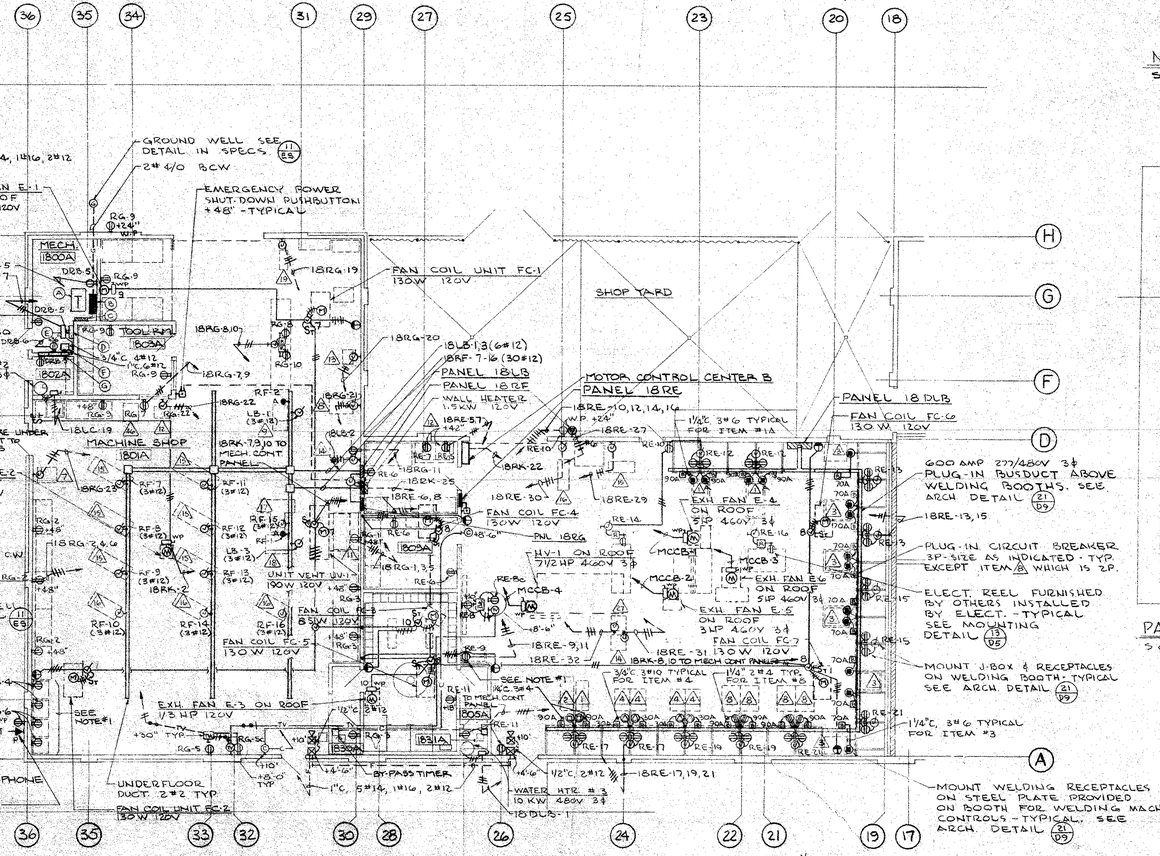
MECH. RM. - BLDG 1800A

SCALE: 1/4" = 1'-0"



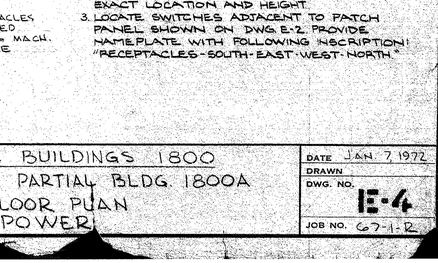
FLOOR PLAN - BLDG. 1800B - SYSTEMS & POWER

SCALE: 1/8" = 1'-0"



PARTIAL FLOOR PLAN - BLDG. 1800A - SYSTEMS & POWER

SCALE: 1/8" = 1'-0"



PARTIAL ROOF PLAN - BLDG. 1800B

SCALE: 1/8" = 1'-0"

NOTES:

1. DUPLEX RECEPTACLES AT AUDIO-VISUAL BOOTH SHALL BE MOUNTED AT THE LOWER RIGHT HAND CORNER JUST ABOVE THE COUNTER.
2. ALL MOUNTING HEIGHTS OF OUTLETS ARE ± REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND HEIGHT.
3. LOCATE SWITCHES ADJACENT TO PATCH PANEL SHOWN ON DWG. E-2. PROVIDE NAMEPLATE WITH FOLLOWING INSCRIPTION: "RECEPTACLES - SOUTH-EAST-WEST-NORTH."

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
APPL. NO. 34859
BY R. J. Hunter
DIVISION ENGR.

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA

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DATE 2-25-72 JOB NO. 71-100

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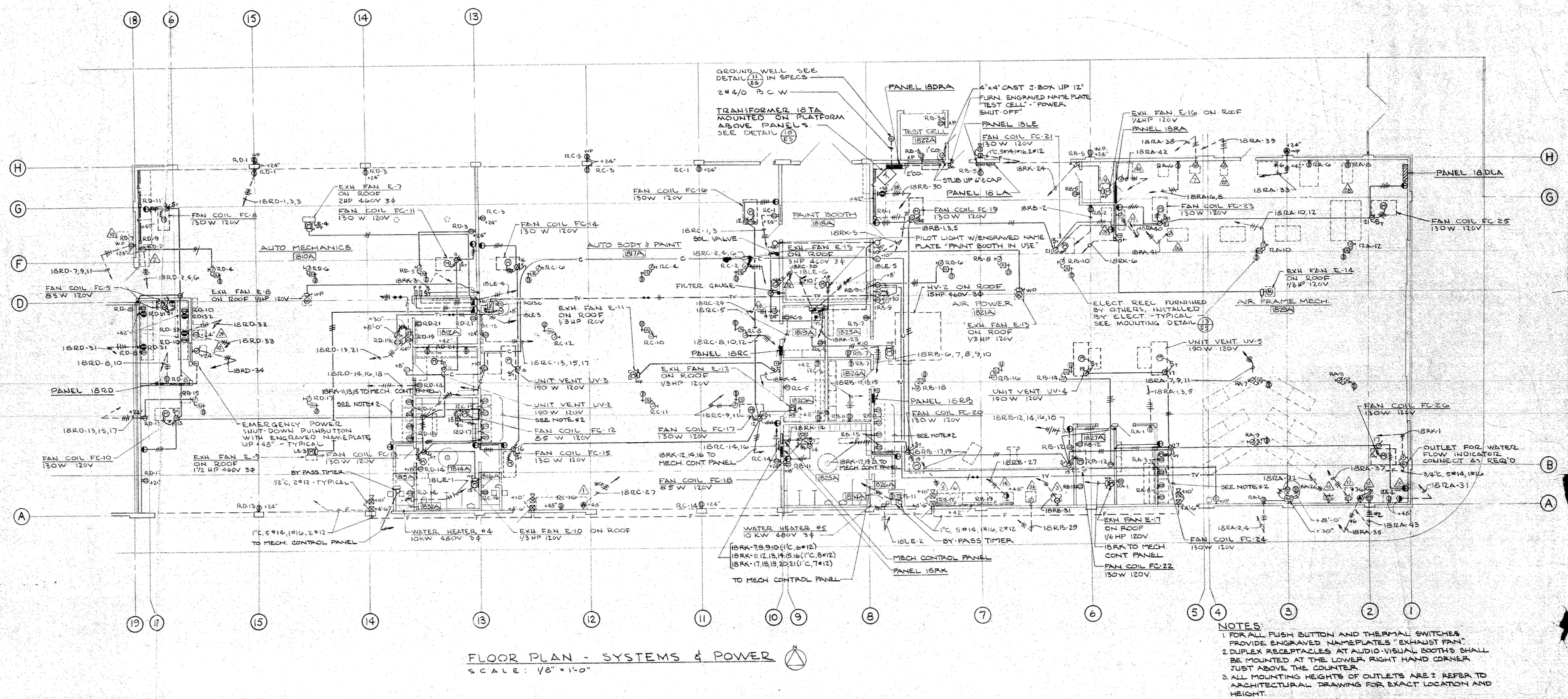
SOLANO COUNTY JUNIOR COLLEGE

SOLANO COUNTY JUNIOR COLLEGE DISTRICT

ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
BLDG 1800B & PARTIAL BLDG. 1800A
ELECTRICAL FLOOR PLAN
SYSTEMS & POWER

DATE JAN. 7 1972
DRAWN
DWG. NO. E-4
JOB NO. 67-1-R



FLOOR PLAN - SYSTEMS & POWER

SCALE: 1/8" = 1'-0"

NOTES:
1. FOR ALL PUSH BUTTON AND THERMAL SWITCHES PROVIDE ENGRAVED NAMEPLATES "EXHAUST FAN".
2. DUPLEX RECEPTACLES AT AUDIO-VISUAL BOOTHS SHALL BE MOUNTED AT THE LOWER RIGHT HAND CORNER JUST ABOVE THE COUNTER.
3. ALL MOUNTING HEIGHTS OF OUTLETS ARE ± REFER TO ARCHITECTURAL DRAWING FOR EXACT LOCATION AND HEIGHT.

STATE OF CALIF. - DEPT. OF GEN. SERVICES
OFFICE OF ARCHITECTURE & CONSTRUCTION
APPROVED FEB 28 1972
34859
APPL. NO. PER

APPROVED
STATE FIRE MARSHAL
STATE OF CALIFORNIA
FEB 28 1972

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DATE 23 FEB 72 | JOB NO. 71-100

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SOLANO COUNTY JUNIOR COLLEGE
SOLANO COUNTY JUNIOR COLLEGE DISTRICT
ARCHITECT | OWNER | CONTRACTOR

VOCATIONAL BUILDINGS 1800
PARTIAL SHOP BUILDING 1800A
ELECTRICAL FLOOR PLAN
SYSTEMS & P

DATE JAN 7, 1972
DRAWN:
DWG. NO. E-5
JOB NO. 67-1-12

PRINTED ON DELPO NO. 10000 CLEARPRINT 3-170

BUILDING 600

EXIST. PANEL 6RB

EXIST TIME SWITCH

NEW RELAY

PENETRATION THRU ROOF

IRC-25(4BC) BREAK THRU BELOW GRADE

NEW PULL-BOX FLUSH WITH FIN GRADE. WEATHER PROOF

ABOVE ROOF

PENETRATION THRU ROOF

ABOVE CEILING

BUILDING 500

EXIST. PANEL 5RC

NEW TIME SWITCH

NEW RELAY

108/B IRC-25(4BC) 208V.

107/B IRC-25(4BC) 208V

111/D FLOOD LIGHTING TYP. (5 LOC.) R.2A. TO SPECS.

PLANTER LIGHTING TYP.(3) TOTAL REFER TO SPECS. 112/E

106/A IRC-25(4BC) 208V. /PC

EXISTING STUB OUT

EX. ST. STUB OUT

PANEL IRC EXIST. LTG CONT. CAB.

CONTACTOR TIME SWITCH

EXIST. PANEL IRE

FOR EXIST. RECEPTACLES ADDITIONAL CIRCUITS FOR EXIST. BUILDING LTG. CONTROL

105/B IRC-25(4AB) 208V

103/B IRC-25(4AB) 208V

104/A IRC-25(4AC) 208V. /PC

IRC-25(4AC)

IRC-25(4AD)

IRC-25(4AE)

14RE-2B RECEPT. WIRING TO BYPASS TIME SWITCH

14LA-5

17RF-1B

TEL EQUIPT. MTG. BD.

PANEL 17RF

EXIST. INV. EXHAUST

Y-5(4CA) 277V.

277V.

208V.

EXIST. HOME RUN TO SUB STA. #4

CONNEC. TO LINE EXT. WIRING

EXIST. STUB OUT

EXISTING JUNCTION BOX

Y-6(4CA)

MARK FOR EXTENT WIRING 3#A + 3

CALL P.G.&E. AREA & TAG (EKA 1.10) FOR FUTURE SOUTH LEG

3#A+3G

STATE OF CALIF. - DEPT. GEN. SERVICES
OFFICE OF ARCHITECT — CONSTRUCTION
APPR. FEB 28 1972
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PER
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FEB 28 1972

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DRWN BY FEF | CHK FEB | APPR CLB
DATE 2-23-72 | JOB NO. 071-100-3

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SOLANO COUNTY JUNIOR COLL
SOLANO COUNTY JUNIOR COLLEG
ARCHITECT
OWNER

Job No. 67-1-R

INDEX OF DETAILS

FOR

VOCATIONAL BUILDINGS 1800A and 1800B

FOR

SOLANO COUNTY JUNIOR COLLEGE

NOTE: DETAILS ARE TYPICAL - REFER TO PLANS, ELEVATIONS AND SCHEDULES FOR LOCATION OF THE DETAILS IN THE BUILDINGS

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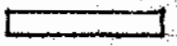
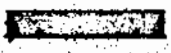
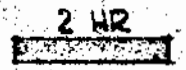
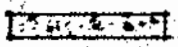
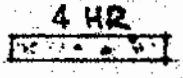
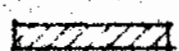
D13 - C/ES Symbols

D13 - D/ES Symbols

SYMBOL	DESCRIPTION
FHJ	FULL HEIGHT STUD TO CEILING OR FLOOR JOIST
FHT	FULL HEIGHT STUDS EXTEND UP TO HEIGHT OF BOTTOM CHORD OF TRUSS-JOISTS
FHS	FULL HEIGHT STUDS EXTEND UP TO UNDERSIDE OF ROOF SHEATHING.
	TYPICAL STUD WALL, 2 x 6 @ 16" O.C. UNLESS OTHERWISE NOTED.
	ONE HOUR STUD WALL, 2 x 6 @ 16" O.C. UNLESS OTHERWISE NOTED. RATED FINISH BOTH SIDES TO RATED CEILING.
*	ONE HOUR STUD WALL, 2 x 6 @ 16" O.C. UNLESS OTHERWISE NOTED. RATED FINISH BOTH SIDES WITH ONE SIDE TO UNDERSIDE OF ROOF SHEATHING AND OTHER SIDE TO RATED CEILING.
	ONE HOUR STUD WALL, 2 x 6 @ 16" O.C. UNLESS OTHERWISE NOTED. RATED FINISH BOTH SIDES TO UNDERSIDE OF ROOF SHEATHING OR FLOOR.
2 HR 	TWO HOUR STUD WALL, 2 x 6 @ 16" O.C. UNLESS OTHERWISE NOTED. RATED FINISH BOTH SIDES TO UNDERSIDE OF ROOF SHEATHING.
	SOUND WALL - SEE DETAIL FOR TYPE.
	CONCRETE WALL
4 HR 	FOUR HOUR FIRE RATED CONCRETE WALL TO UNDERSIDE OF ROOF SHEATHING.
	CONCRETE BLOCK WALL
	THERMAL INSULATED PREFABRICATED WALL.

NOTE: If 'FHT' or 'FHS' is not noted on the partition, studs are extended to ceiling or to wood joist at ceiling.

* SEE (7/D5) FOR 1 HR WALL CONDITIONS

C-1 PRE FINISH CABS. MC1 MILL BUILT CAB'S.

67-1-R

MATERIAL LEGEND - PLAN

A.B.	Anchor Bolt
A.D.	Area Drain
ADJ.	Adjustable
ACOUST.	Acoustical
A.C. TILE	Acoustic Tile
A.C. PAVE.	Asphalt Concrete Paving
ALUM.	Aluminum
ASPH.	Asphalt
@	At
&	And
∠	Angle
BD.	Board
BLDG.	Building
BLKG.	Blocking
B.M.	Bench Mark
℄	Center Line
CAB.	Cabinet
C.B.	Catch Basin or Chalk Board
C.C.	Center to Center
CEMT.	Cement
CEIL.	Ceiling
C.I.	Cast Iron
C.J.	Construction Joint
CLR.	Clear
C.O.	Clean Out
COL.	Column
CLOS.	Closet
CONC.	Concrete
CONT.	Continuous
CONV.	Convector
CONST.	Construction
C.R.	Classroom
C.S.	Crystal Sheet
C.T.	Ceramic Tile
CSK.	Counter Sunk
C.W.	Cold Water
db	Decibel
DBL.	Double
D.C.	Door Closer
DET.	Detail
D.F.	Douglas Fir or Drinking Fountain
DIM.	Dimension
DIV.	Division
DN.	Down
DR.	Door
DWR.	Drawer
DWG.	Drawing
EA.	Each
E.J.	Expansion Joint
ELECT.	Electrical
ELEV.	Elevation
E.P.B.	Electrical Panel Board
EQ.	Equal
EQUIP.	Equipment
EXH.	Exhaust
EXIST.	Existing
EXP.	Expansion
F.A.	Fire Alarm or Fresh Air
F.B.	Flush Bolt
F.C.	Face of Concrete
F.D.	Floor Drain
FDN.	Foundation
F.E.(CO_2)	CO_2 Fire Extinguisher
F.E.(PW)	Pressure Water Fire Extinguisher
F.H.C.	Fire Hose Cabinet
F.H.W.S.	Flat Head Wood Screw
FIN.	Finish
FLR.	Floor
F.S.	Face of Stud
FT.	Foot
G.	Gas
GA.	Gauge
GALV.	Galvanized
G.I.	Galvanized Iron
GL.	Glass
G.V.	Gravity Vent
GYP.	Gypsum
H.B.	Hose Bibb
HD.BD.	Headerboard
HRWD.	Hardwood
H.C.	Hollow Core
HDW.	Hardware
H.M.	Hollow Metal
H.P.	High Point
H.W.	Hot Water
I.C.	In Contract
I.D.	Inside Diameter
I.F.S.	Inside Face of Sfud
INS.	Sinsulated
INT.	Interior
INV.	Invert
JAN	Janitor
J.B.	Junction Box
JT.	Joint
KIT.	Kitchen
K.P.	Kickplate

67-1-2

ABBREVIATIONS

LAB.	Laboratory
LAM	Laminated
LAV	Lavatory
LIB	Library
L.F.	Linear Feet
L.P.	Low Point
LT.	Light
MAT.	Material
MAX.	Maximum
M.C.	Medicine Cabinet
MECH.	Mechanical
M.F.L.	Mark off Line
MIN.	Minimum
M.L.	Metal Lath
M.O.	Masonry Opening
M.S.	Metal Screw
M.R.	Map Rail
M.T.	Metal Threshold
MTL.	Metal
N.I.C.	Not In Contract
NO. or #	Number
N.T.S.	Not to Scale
OBS. GL.	Obscure Glass
O.C.	On Center
O.D.	Outside Diameter
O.F.S.	Outside Face of Stud
OPP.	Opposite
OPNG.	Opening
OZ.	Ounce
P.A.	Public Address
PART.	Partition
P.B.	Panic Bar
PERF.	Perforated
PHWS	Phillips Head Wood Screw
PLAS.	Plaster
PL.	Plate
PL.GL.	Plate Glass
PLY.	Plywood
PLUM.	Plumbing
P.P.	Push Plate
PR.	Pair
PREP.	Preparation
PROJ	Project
P. TELP.	Public Telephone
℄	Round
R.	Radius
R.A.	Return Air
R.C.P.	Reinforced Concrete Pipe
R.D.	Roof Drain
REINF.	Reinforced
REF.	Reference
REQ'D	Required
R.H.W.S.	Round Head Wood Screw
RM.	Room
R.M.	Removable Mullion
RWD.	Redwood
R.W.L. (U)	Rainwater Leader Connect to Storm Drain
R.W.L. (S)	Rainwater Leader with splash block
S.	Stud
S.A.D.	See Architectural Drawings
SAN. S.	Sanitary Sewer
S.C.	Solid Core
SCR.	Screen
S.D.	Soap Dispenser
SERV.	Service
S. GL.	Safety Glass
SHT.	Sheet
SIM.	Similar
SPEC.	Specifications
SQ.	Square
S.M.	Sheet Metal
S/S	Stainless Steel
S.S.	Service Sink
STD.	Standard
STL.	Steel
STOR.	Storage
STRUCT.	Structural
SW.	Switch
T.B.	Tackboard
T.D.	Towel Dispenser
TELP.	Telephone
T & G	Tongue and Groove
TPH.	Toilet Paper Holder
T.S.	Top Soil
T.V.	Television
TYP.	Typical
U.H.	Unit Heated
U.O.N.	Unless Otherwise Noted
UR.	Urinal
U.V.	Unit Ventilator
V.A. FL.	Vinyl Asbestos Flooring
VAC.	Vacuum
V.B.	Venetian Blinds
V.C.P.	Vitreous Clay Pipe
V. BASE	Vinyl Base
V.F.	Vinyl Fabric
V.G.	Vertical Grain

67-1-R

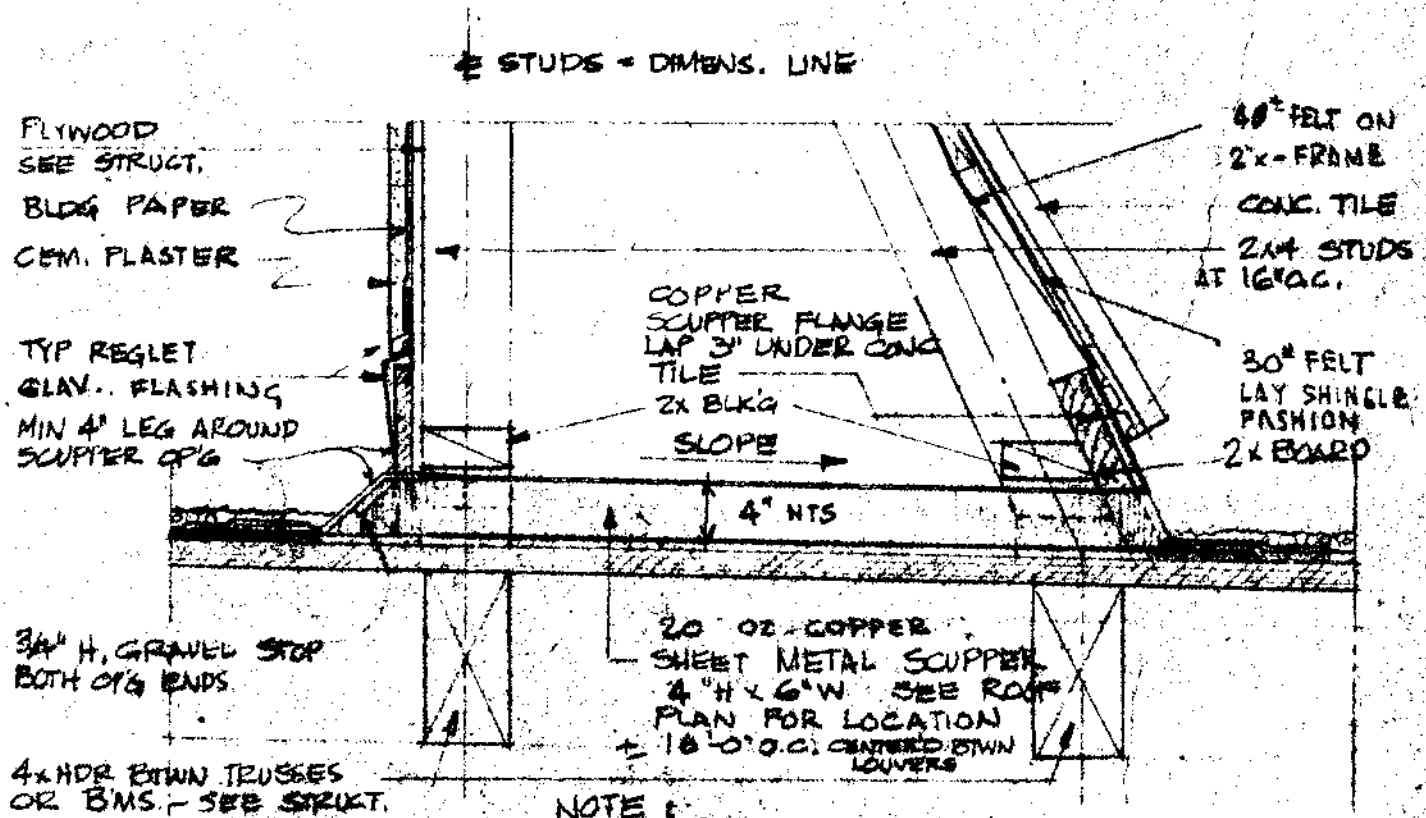
ABBREVIATIONS

W/	With
W.C.	Water Closit
WD.	Wood
W. DIM.	Window Dimension
W. GL.	Wire Glass
W.H.	Water Heater
WIND.	Window
W/O	Without
W.P.	Waterproof
W.R.	Waste Receptable
WSCT.	Walnscot
WT.	Weight
X	Prefinished

ABBREVIATIONS

NOTE

SEPARATE DISSIMILAR METALS W/
BITUMASTIC OR ASPHALTIC BLDG. PAPER



NOTE:
SEE SECTION D1/2 FOR COMPLETE SECTION & DETAIL

SCALE 1½" = 1'-0"

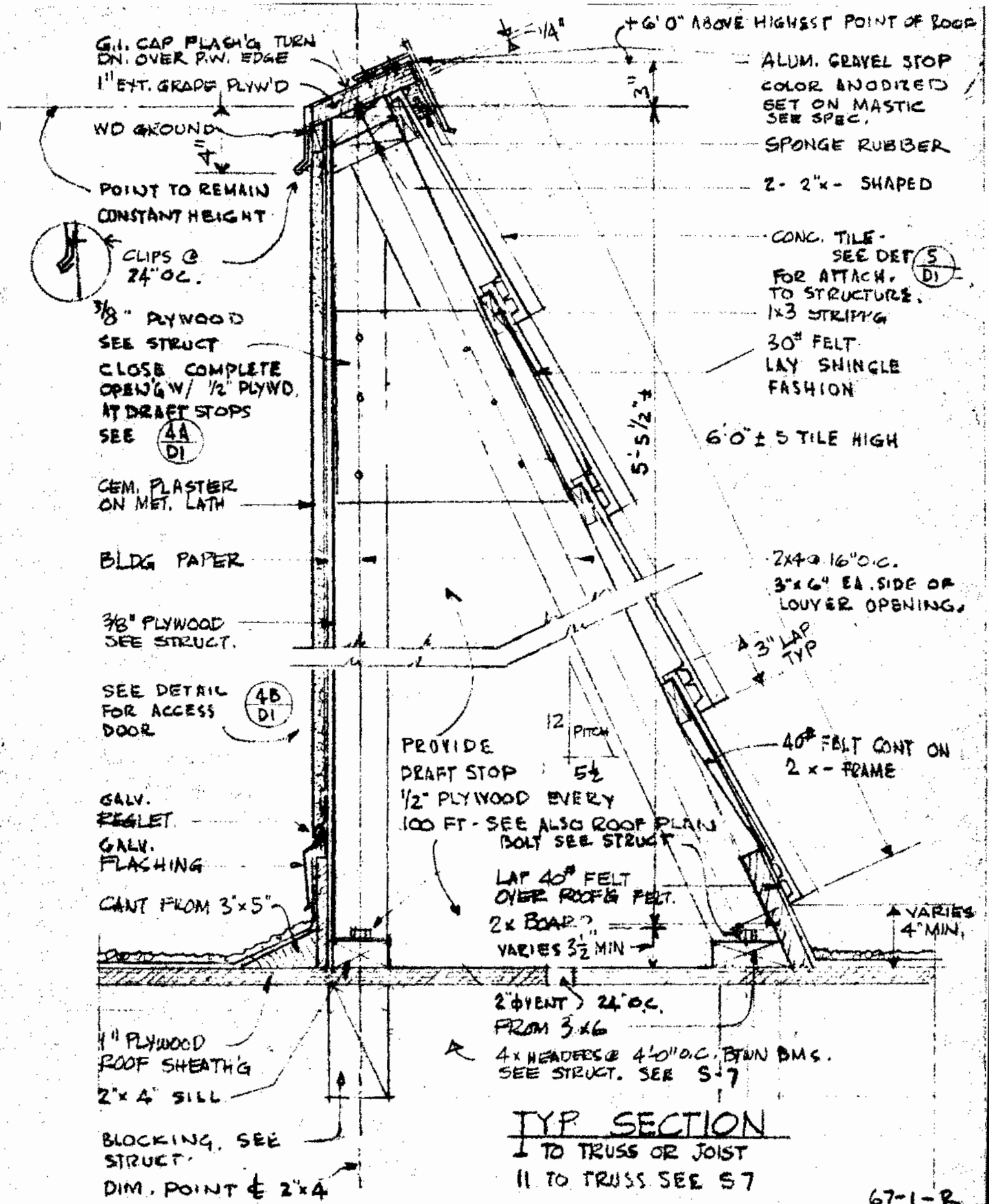
SECTION THRU SCUPPER LON SIDE
PARALLEL TO TRUSS OR JOIST

67-1"

ROOF SCREEN
SCUPPER DETAIL

D1

1



TYP SECTION
I TO TRUSS OR JOIST
II TO TRUSS SEE S7

67-1-R

SCALE 1½"=1'-0"

ROOF SCREEN SECTION

D·1

2.

8'-0" TYP OR SEE PLAN

SEE PLAN

16'-0" TYP.

8'-0" TYP OR SEE PLAN

RADIUS PT. FOR OTHER DIM. SAME AS 8'-0" DIM.

WHERE TRUSSES INTERFERE W/ LOCATION OF DRAIN - OFFSET AS NEEDED

5/D1 ALUM. FLASHING JOINTS @ 10'-0" o.c. TYP.

1'-6" TYP @ CORNERS FLASHING JOINTS

WORK PT

SEE ALSO ENT. ELEV. FOR LOCATION OF BARREL TILE @ ℄ BAY.

CONC PANEL

CONC TILE

1A/D1

3A/D1

OPG IN CONC PANEL SEE CONC PANEL DETS

TOP CONC 7B/D1

31'-4" 4'-8 1/2"

TOP ARCH OF FACIA TRIM

1 1/2"

LINE OF SOFFIT

SOFFIT BEYOND

5'-7 1/2" RAD.

5'-7 1/2" RAD.

NOTE: SEE TILE SPACG DETAILS 16/D1 & 17/D1

7'-11 1/2" RAD.

5'-7 1/2" RAD.

5'-7 1/2" RAD.

RWL & ANCHORAGE SEE DET 25/D2

FOR HEIGHT OF RAD. PT. SEE PLANS.

FACIA ELEVATION

(2) 10d NAIL PER TILE SEE 5/D1

CONC TILE

PLASTIC MEMBRANE LAY SHINGLE FASHION

EPOXY GROUT ALL SIDES & END CONC TILE

2x (2) 10d @ EA. STRIPPG

STRIPPG

40# FELT

TYP SECTION @ BARREL TILE 3A/D1

SCALE 3"=1'-0"

LOCATION OF LIGHT TYP.

TYPICAL INSIDE CORNER

TYP. FILLER BAY

TYPICAL BAY

TYPICAL CORNER

RWL

FLAT

8/D1

METAL CORNER BEADS TYP.

CEMENT PLASTER FACIA O'HANG

CONT. VENT SLOT 5/D1

CONT VENT SLOT

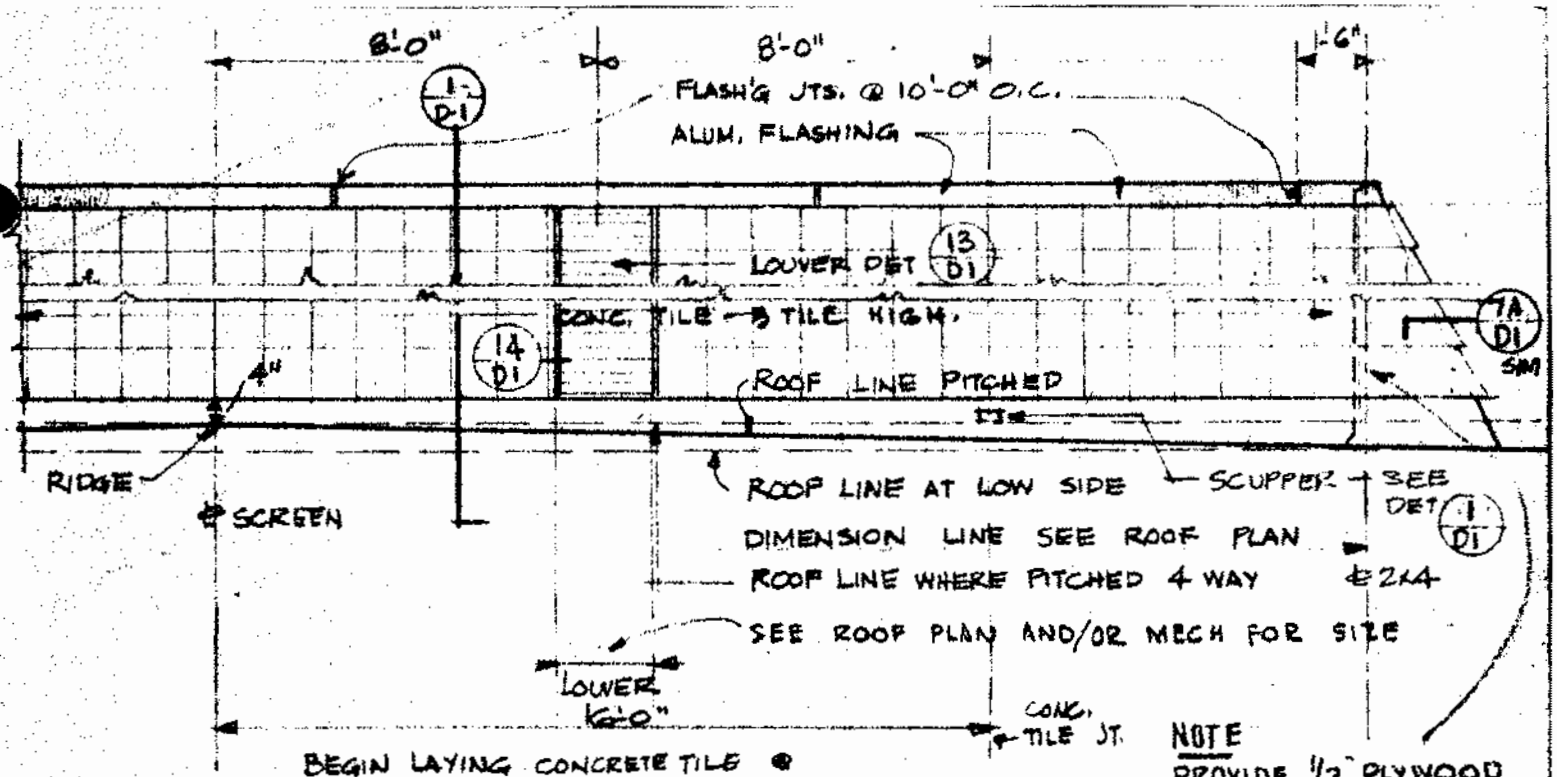
REFLECTED SOFFIT PLAN

67-1-R

SCALE 1/4"=1'-0"

TYPICAL ELEVATION & REFLECTED SOFFIT PLAN

D-1 3

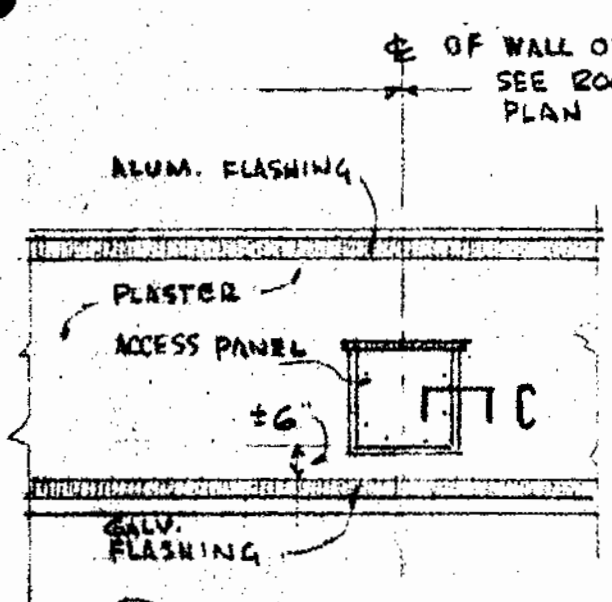


BEGIN LAYING CONCRETE TILE @ INCREMENTS OF 16'-0" O.C. FOR EXTENT OF SCREEN & LOCATION OF LOUVERS SEE ROOF PLAN & EXTERIOR ELEVS.

NOTE
PROVIDE 1/2" PLYWOOD CLOSURE DRAFTSTOP AT EACH CORNER TYP AND WHERE SHOWN ON THE PLANS

(A) ELEVATION DETAIL

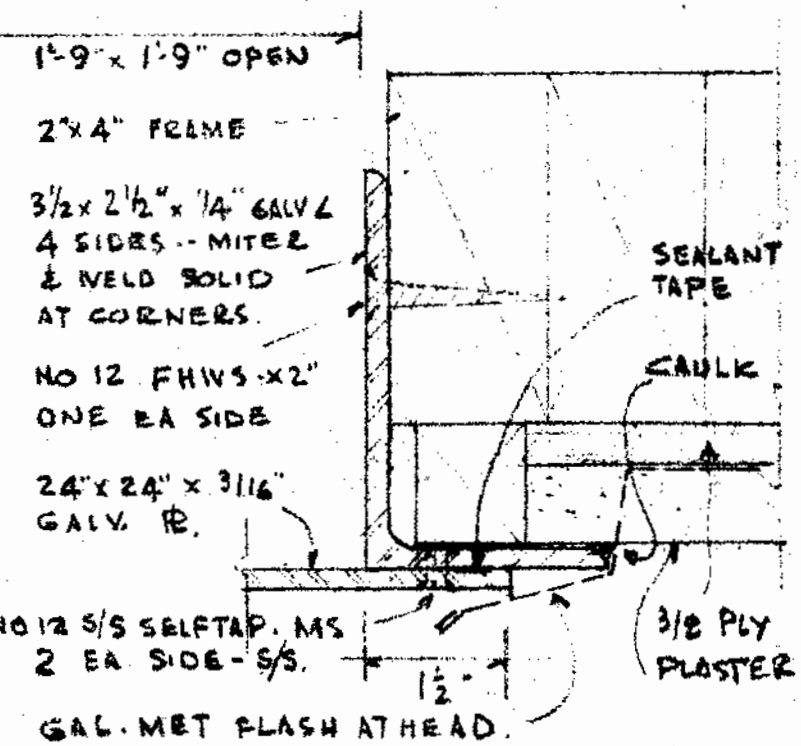
SCALE 1/4" = 1'-0"



(B) ELEVATION

INSIDE WALL - SCALE 1/4" = 1'0"

NOTE; PROVIDE ACCESS PANEL ON EACH SIDE OR SEE ROOF PLAN



(C) SECTION

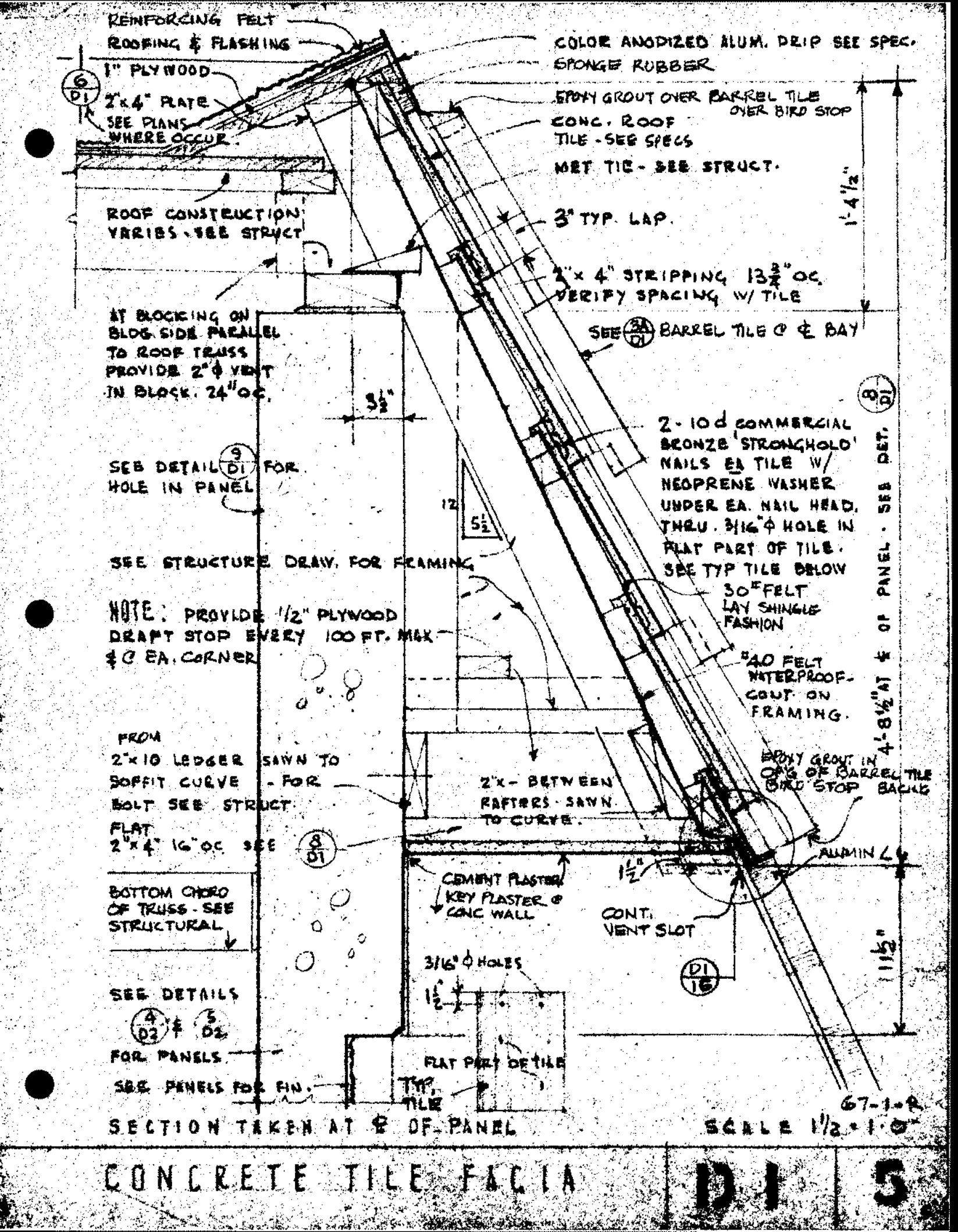
HALF SIZE

67-1-2

ROOF SCREEN ELEVATIONS & DETAILS

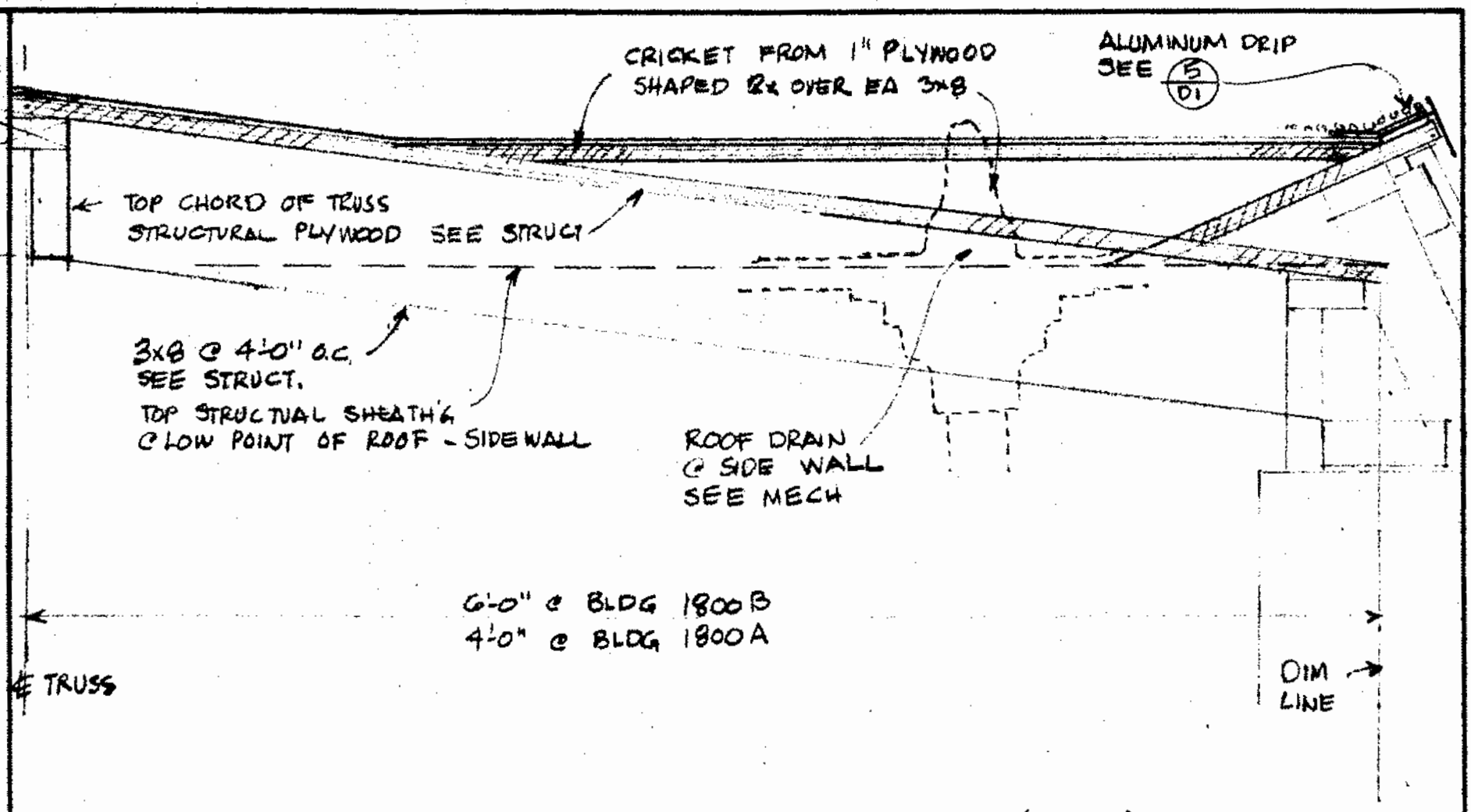
D·1

4.



CONCRETE TILE FACIA

D1 5



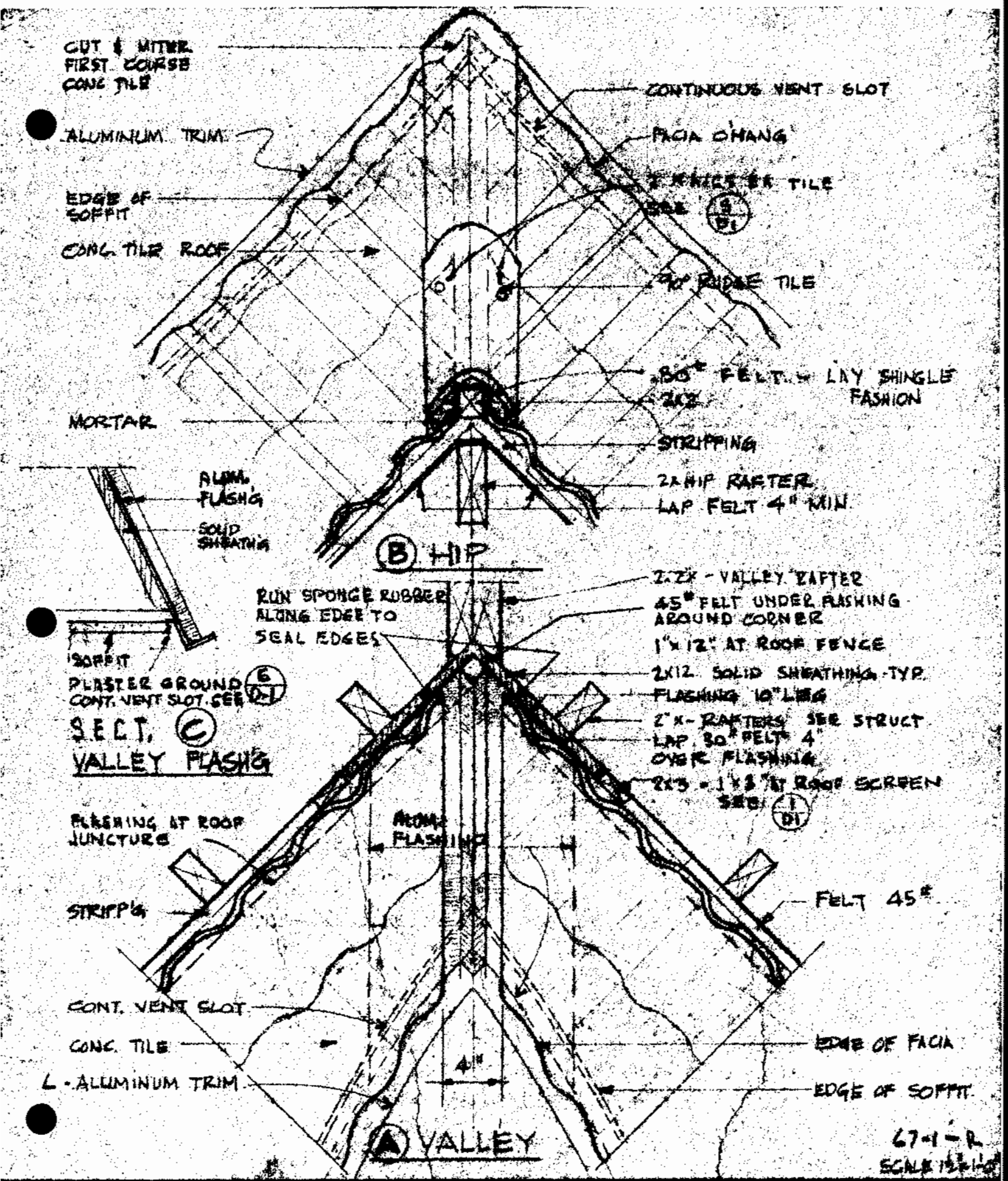
SECTION @ HIGH POINT OF ROOF (RIDGE)
SCALE 1½"=1'-0"

ROOF CRICKET @ END WALLS

GROUP D1

DETAIL 6

BELL W. JOHNSON, POOLE, & STORM, ARCHITECTS

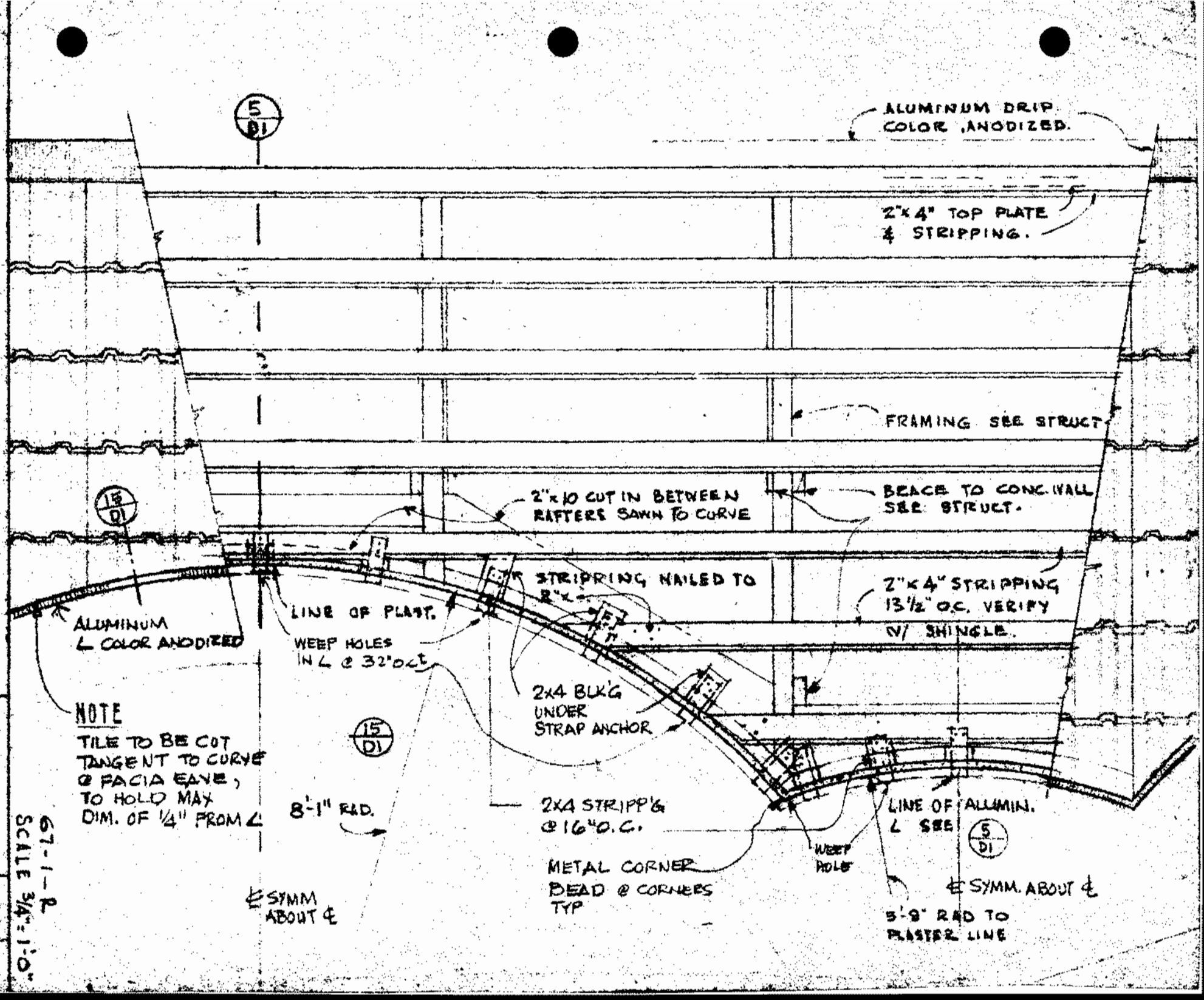


67-1-R

SCALE 1½"=1'-0"

TYPICAL VALLEY & HIP DETAIL

12-1 | 7

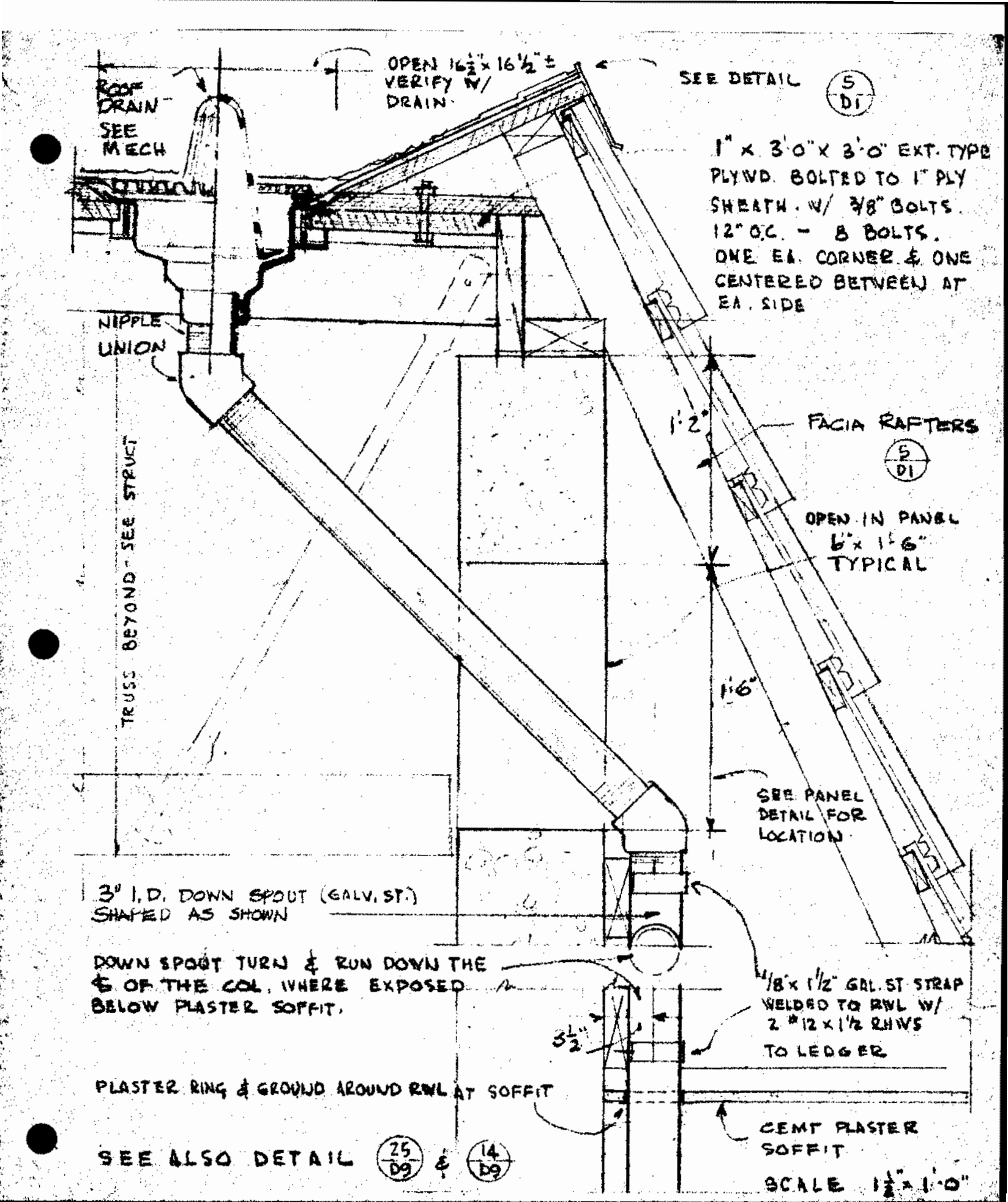


FACIA
PARTIAL FRAMING ELEVATION

67-1-R
SCALE 3/4"=1'-0"

IC1

13

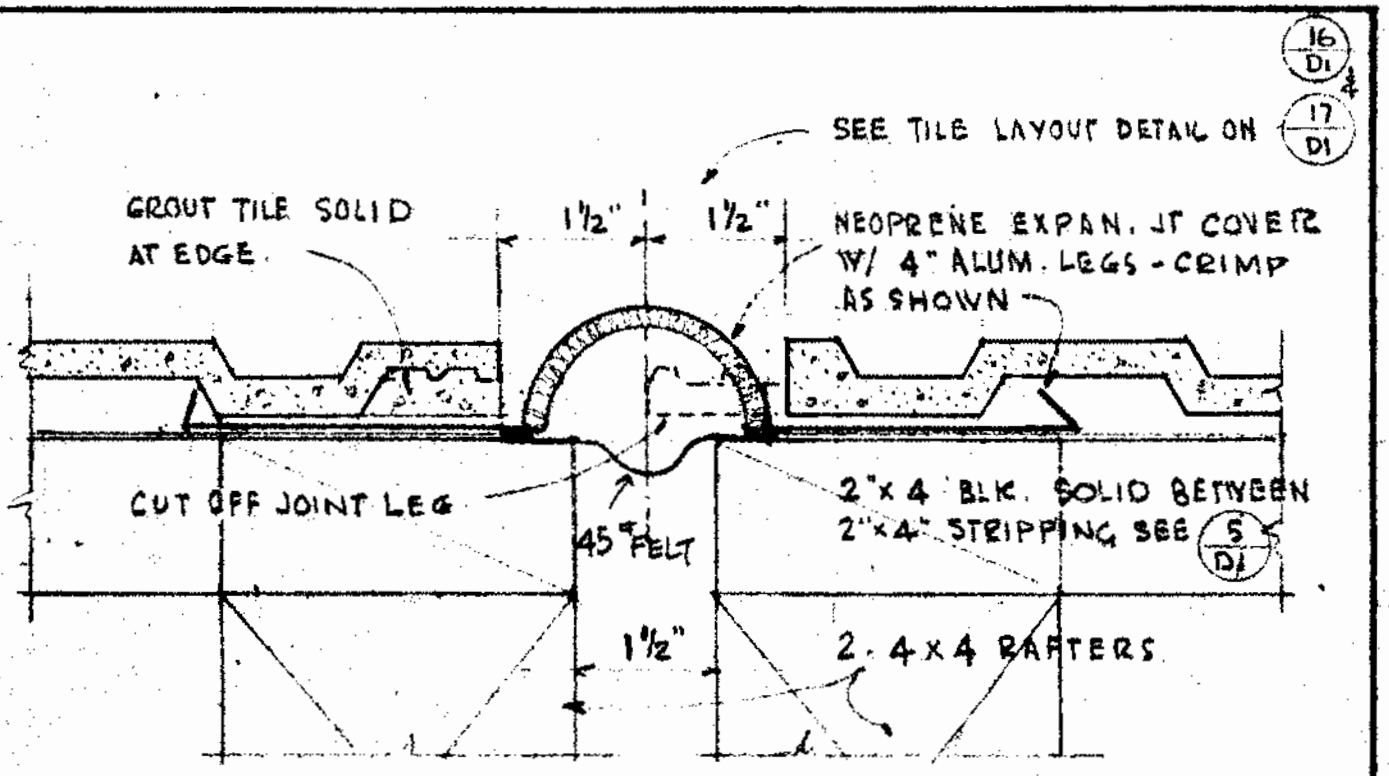


RAIN WATER LEADER

D1

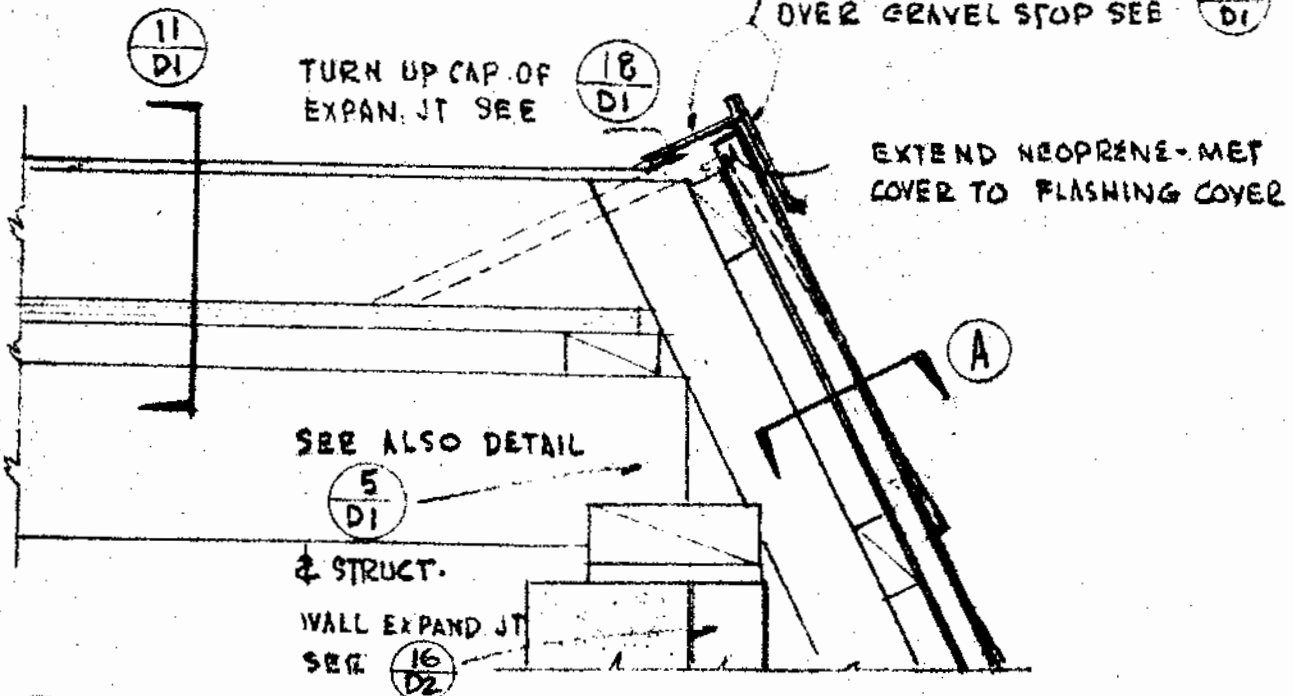
67-1-R

9



(A) EXPAN. JT. DETAIL AT CONC. TILE

SCALE - HALF SIZE



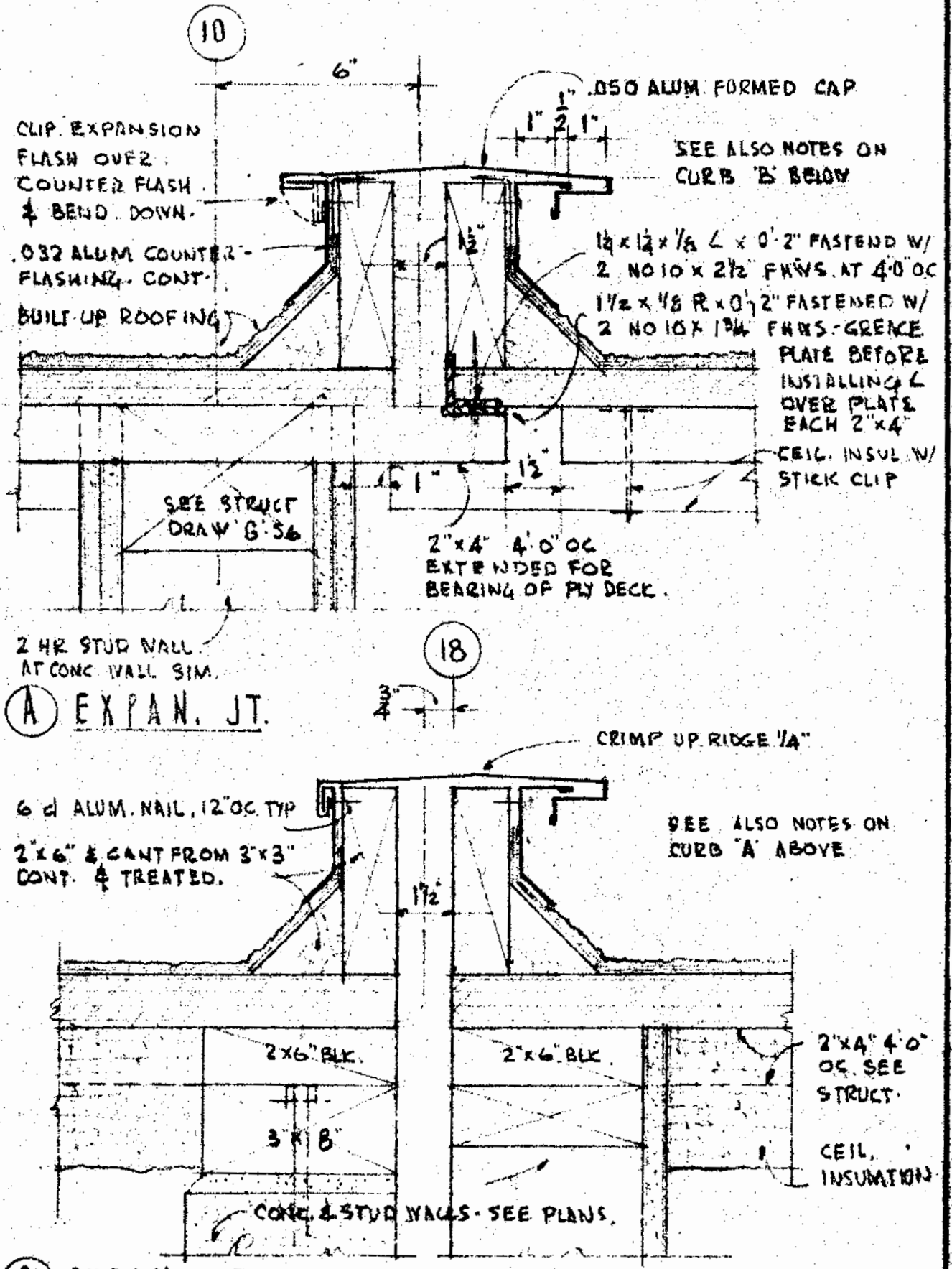
(B) SECTION THRU EXPAN. JOINT

SCALE - 1½" = 1'-0"

CONC. TILE EXPAN. JOINT

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

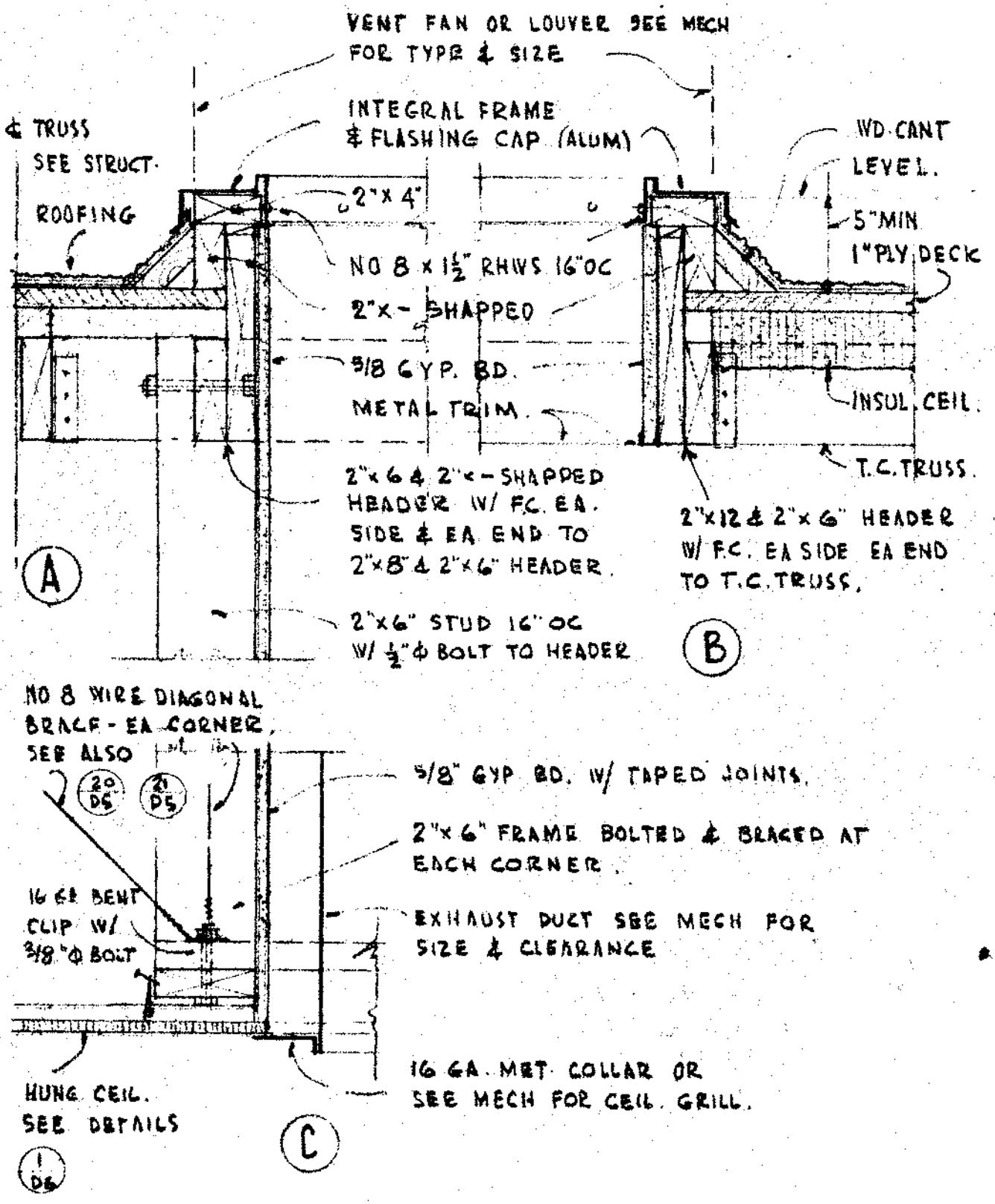
GROUP	DETAIL
D1	10



ROOF EXPANSION JOINT

HELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D	11



BLDG. 1800 B

BLDG 1800 A

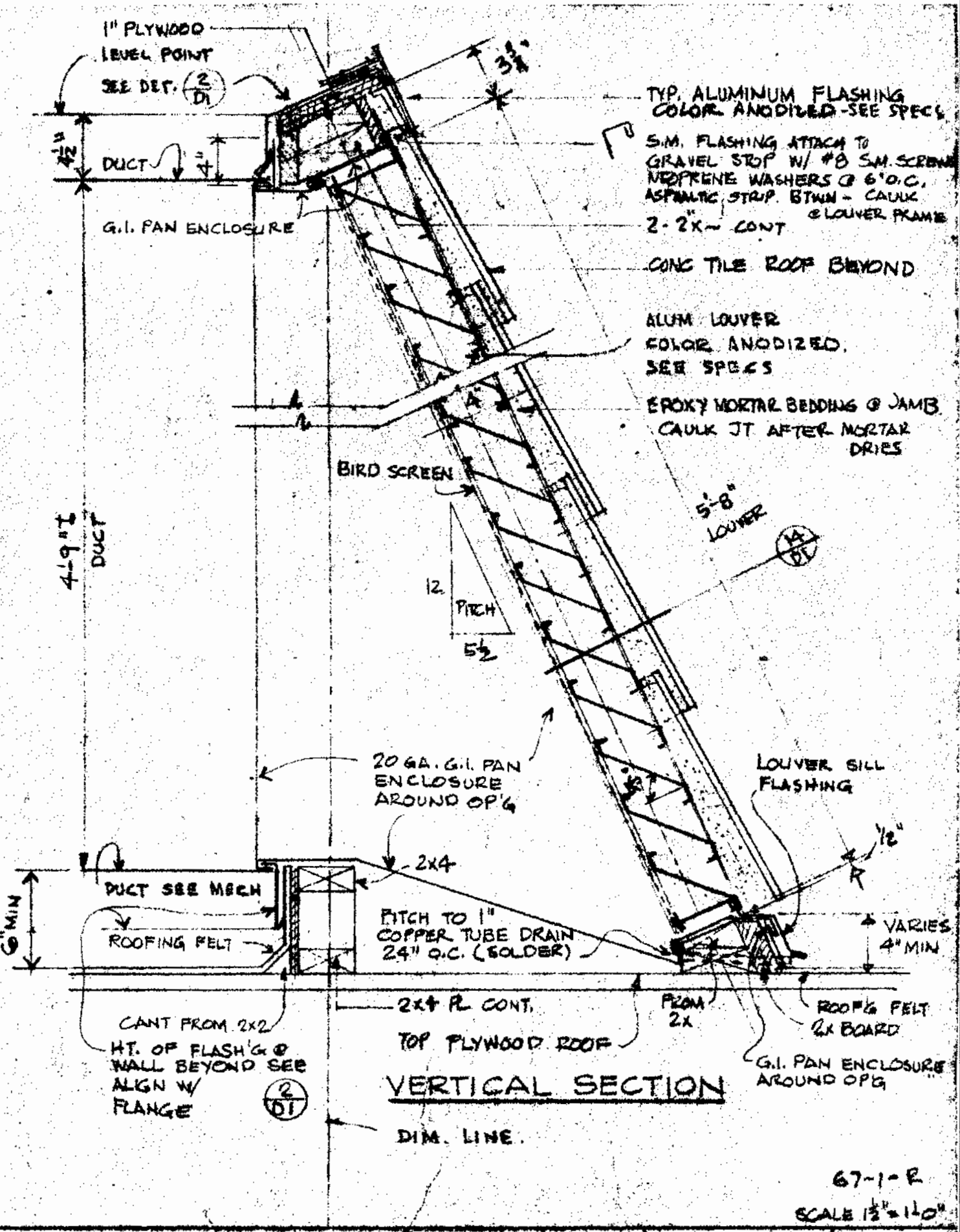
SCALE 1½" = 1'-0"

CURB ON ROOF & VENT TO CURB

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D	1 12

JOB 67-1 R PAGE 12



VERTICAL SECTION

67-1-R

SCALE 1½" = 1'-0"

LOUVER IN ROOF SCREEN SECTION

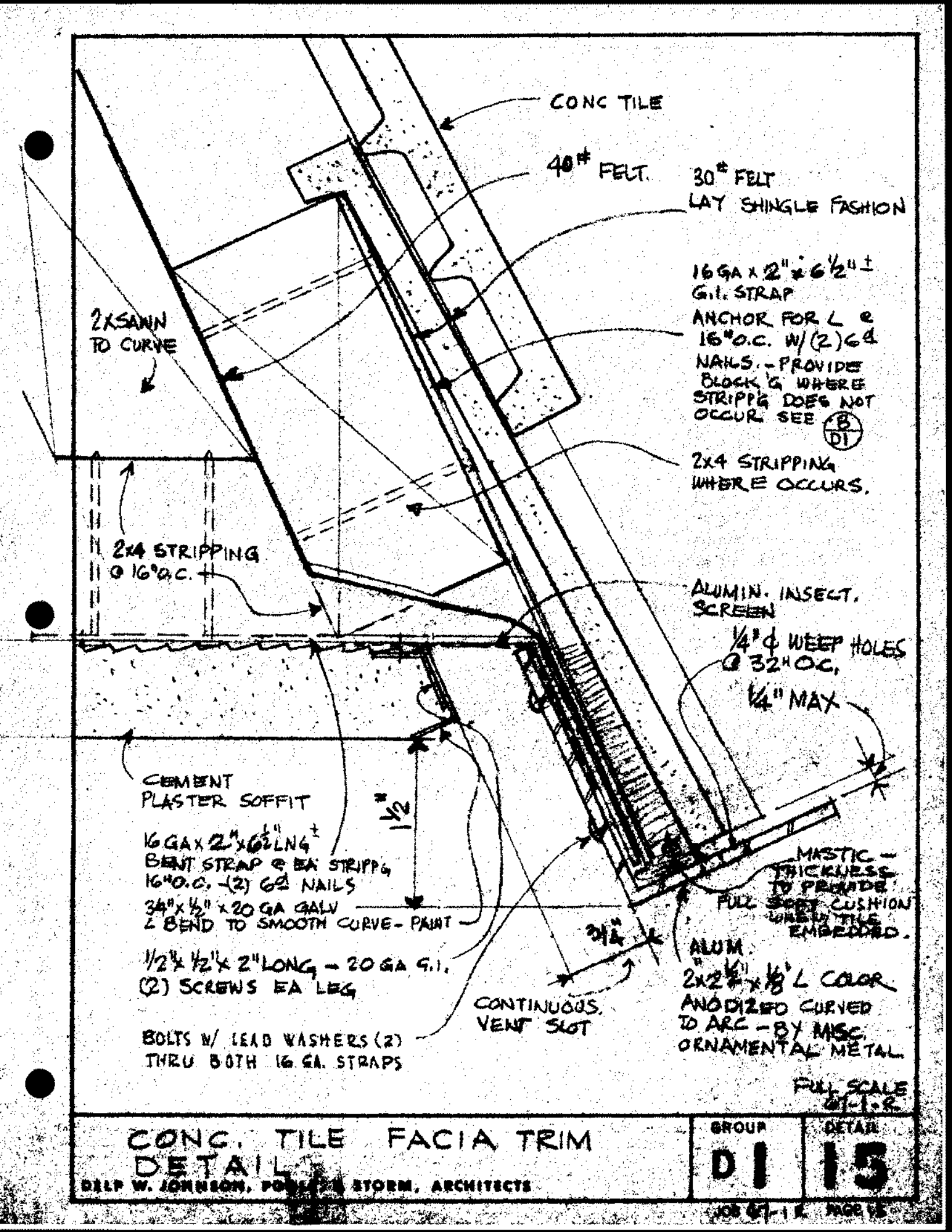
D-1

13

67-1-R

SCALE 1½"=1'-0"

LOUVER IN ROOF SCREEN PLAN DETAIL	D1	14



FULL SCALE

CONC. TILE FACIA TRIM DETAIL

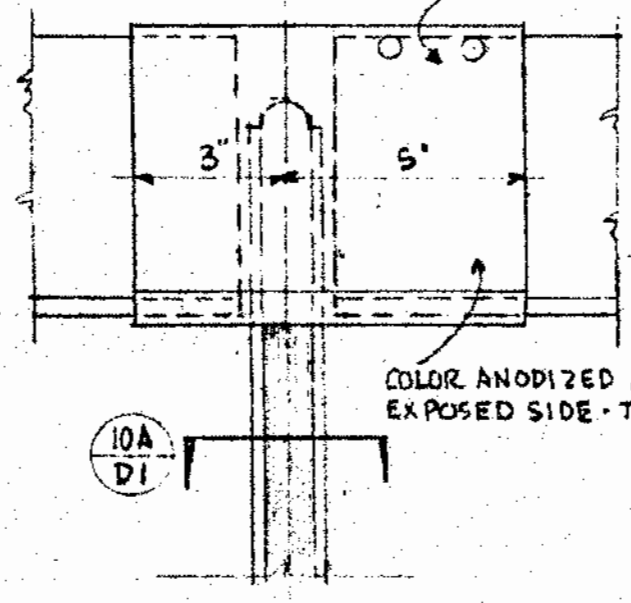
DELP W. JOHNSON, POWELL & STORM, ARCHITECTS

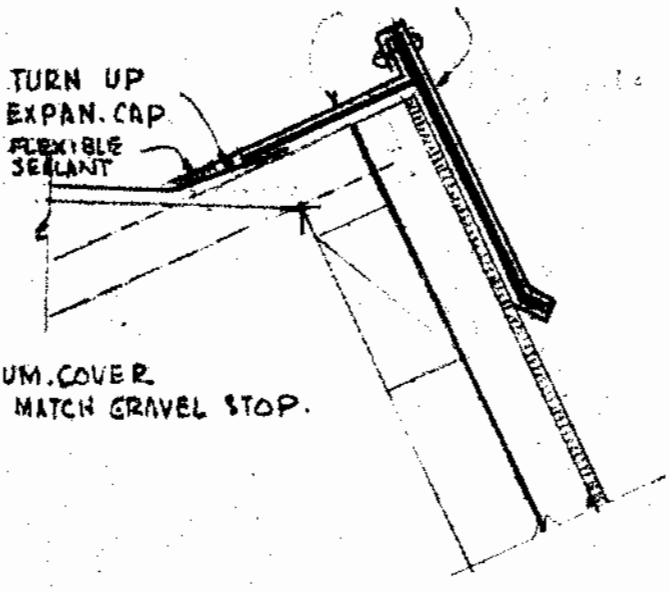
GROUP	DETAIL
D1	15

JOB 67-1 K PAGE 15

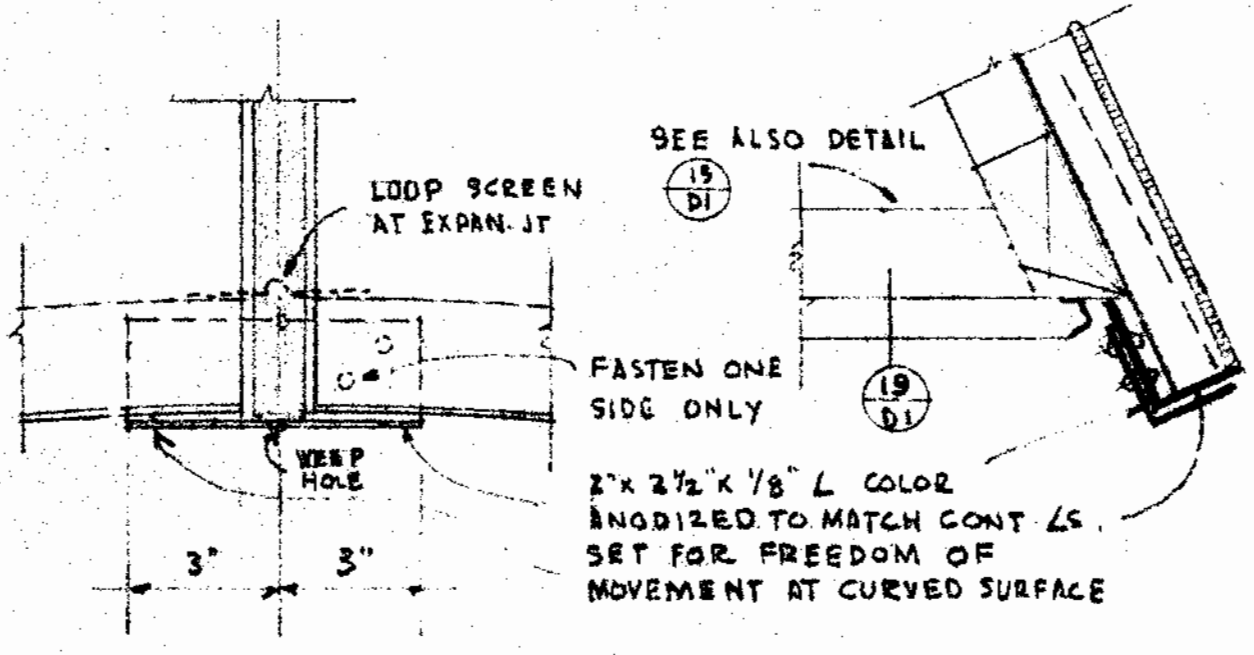
℄ OF EXPANSION JOINT

2 PIECES .040 ALUM. COVER FLASHING.
FASTEN TO ALUM GRAVEL STOP ON SAME SIDE
OF JOINT AS FIXED CAP OVER ROOF EXPAN. JT.





(A) EXPAN. JT AT GRAVEL STOP



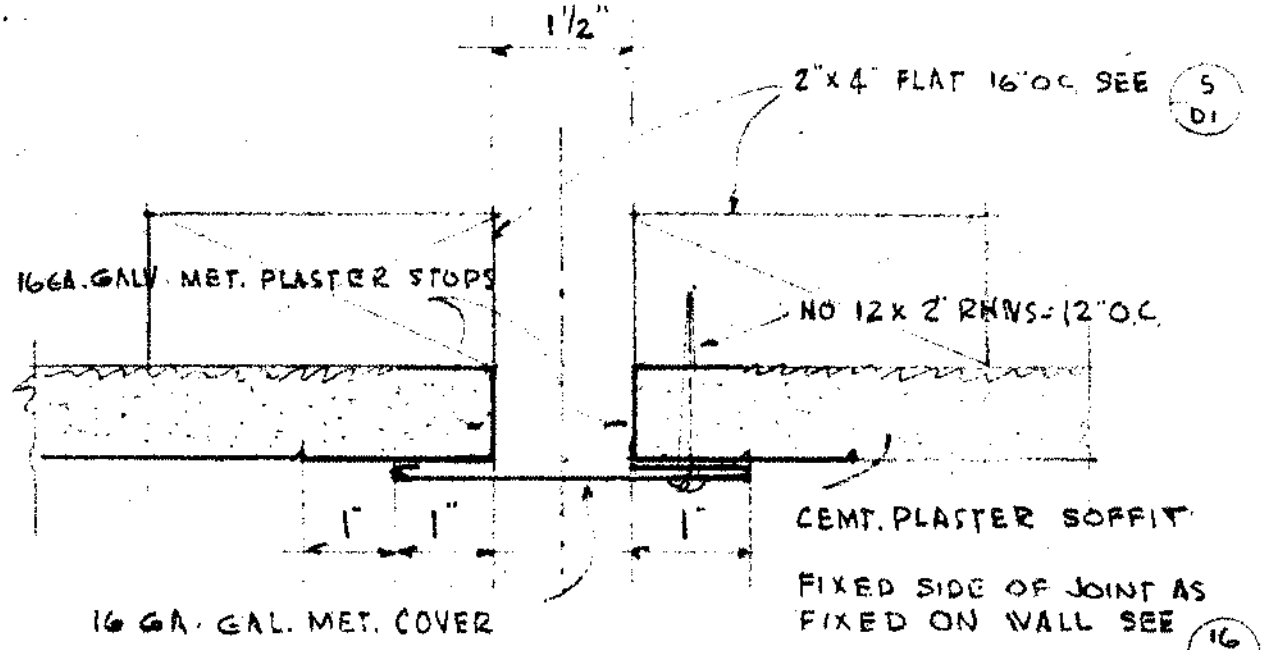
(B) EXPAN. JT. AT ANGLE

ALUMINUM EXPANSION JOINTS

GROUP D 1

DETAIL 18

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



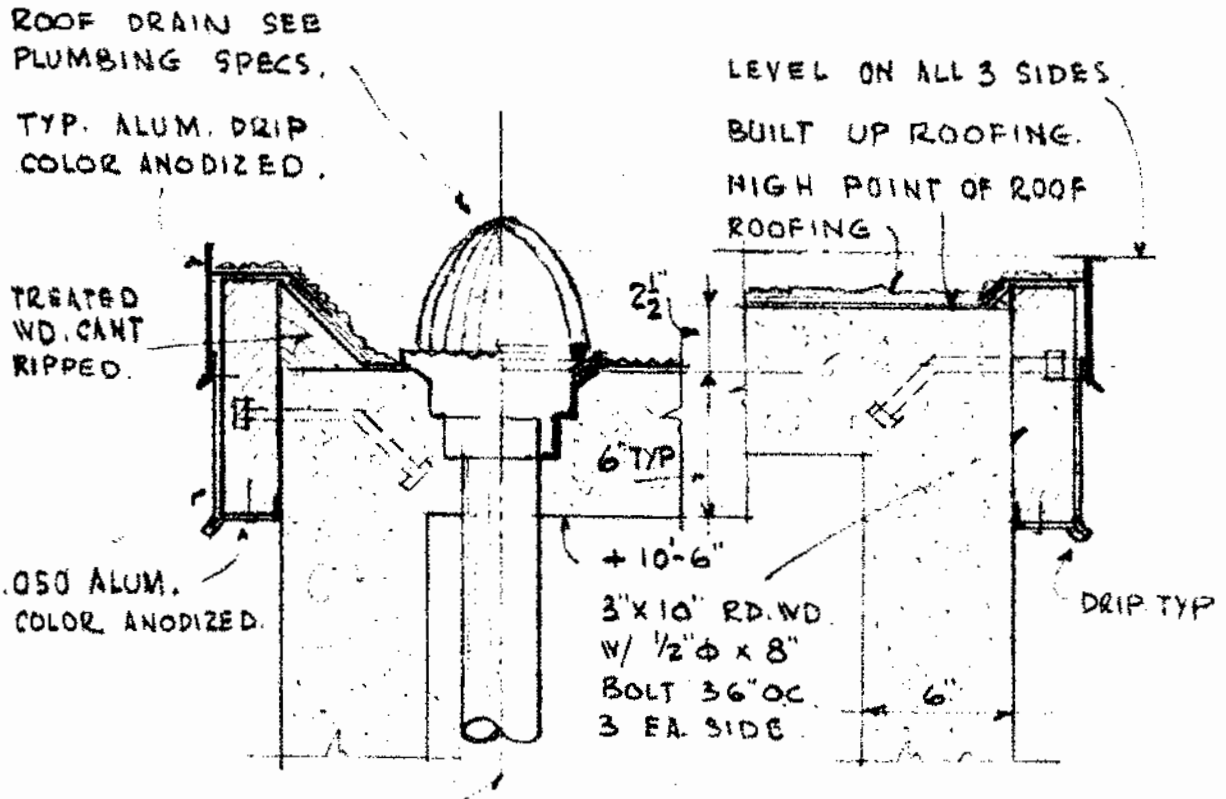
(A) EXPANSION JOINT AT PLASTER SOFFIT

SCALE - HALF SIZE

CEMENT PLASTER EXPANSION JOINT

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 1	19



SECTION (A) (B)

SCALE 1½" = 1'-0"

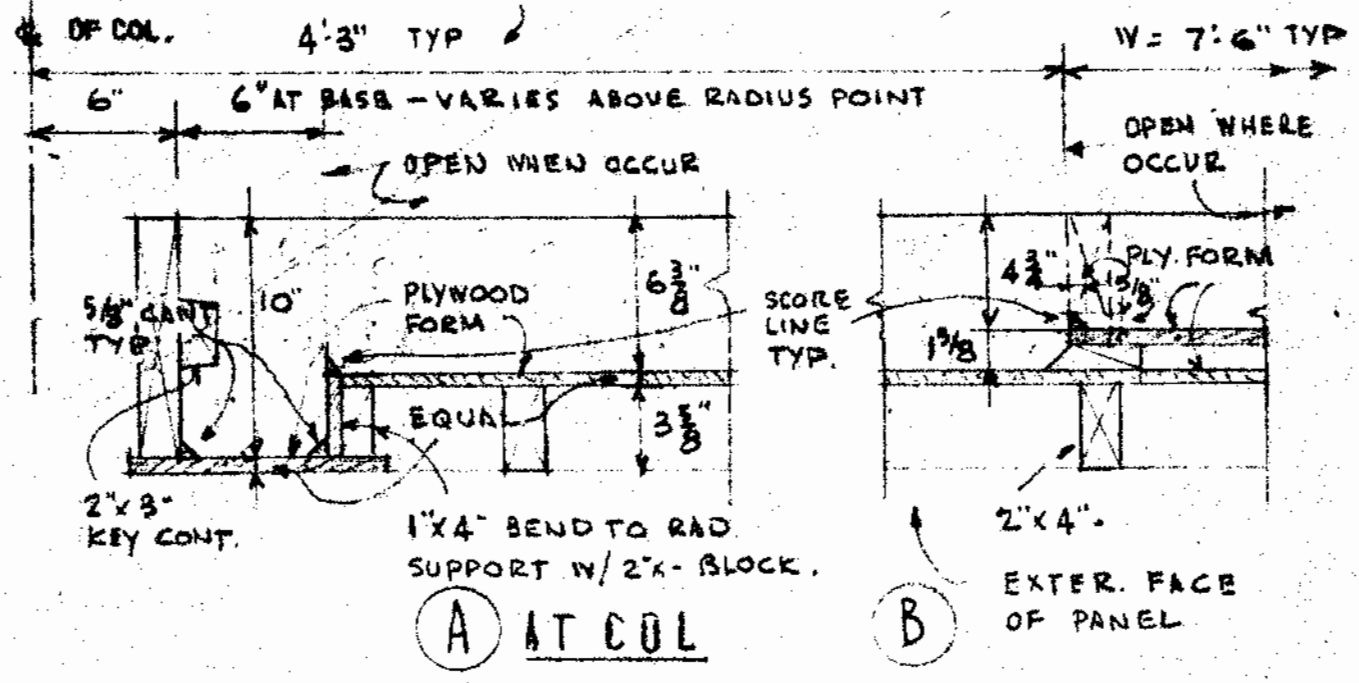
TEST CELL ROOF DETAILS

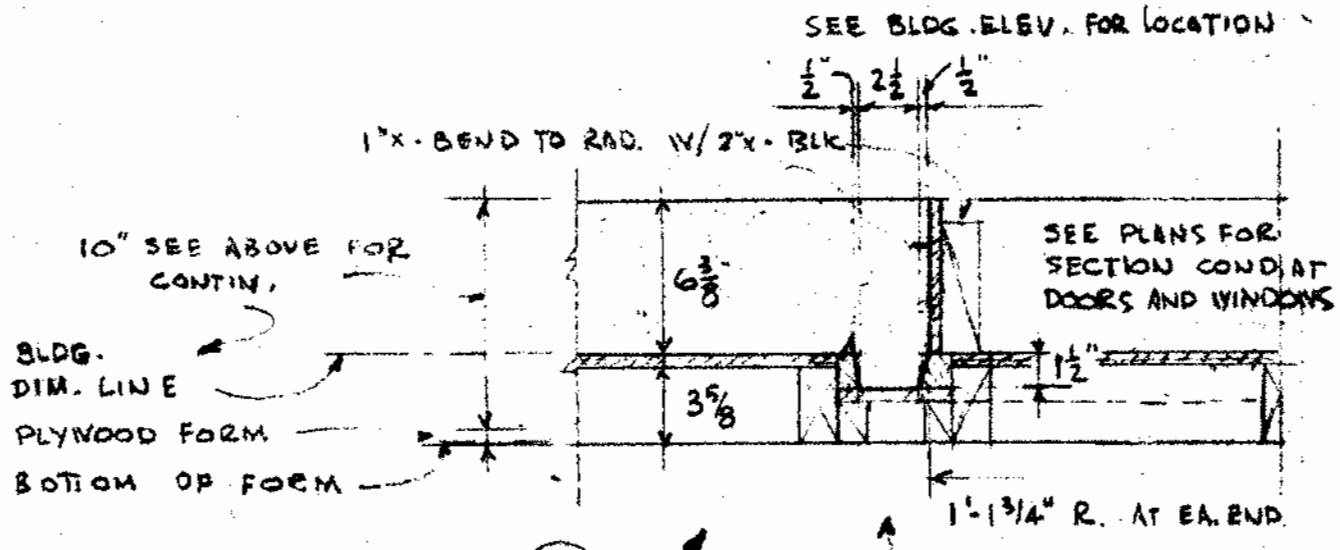
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 1	20

JOB 67-1R PAGE 18

NOTES
1. FORMING IS SHOWN FOR CONTRACTORS INFORMATION ONLY AND THE METHOD OF FORMING IS CONTRACTORS OPTION WITHIN THE REQUIREMENT OF SPECS.
2. SEE DETAILS & PLANS FOR VARIOUS FORMING CONDITIONS AT OPENINGS
3. SEE ALSO BLDG. ELEV. &/OR PANEL DET'S. FOR VARIATIONS



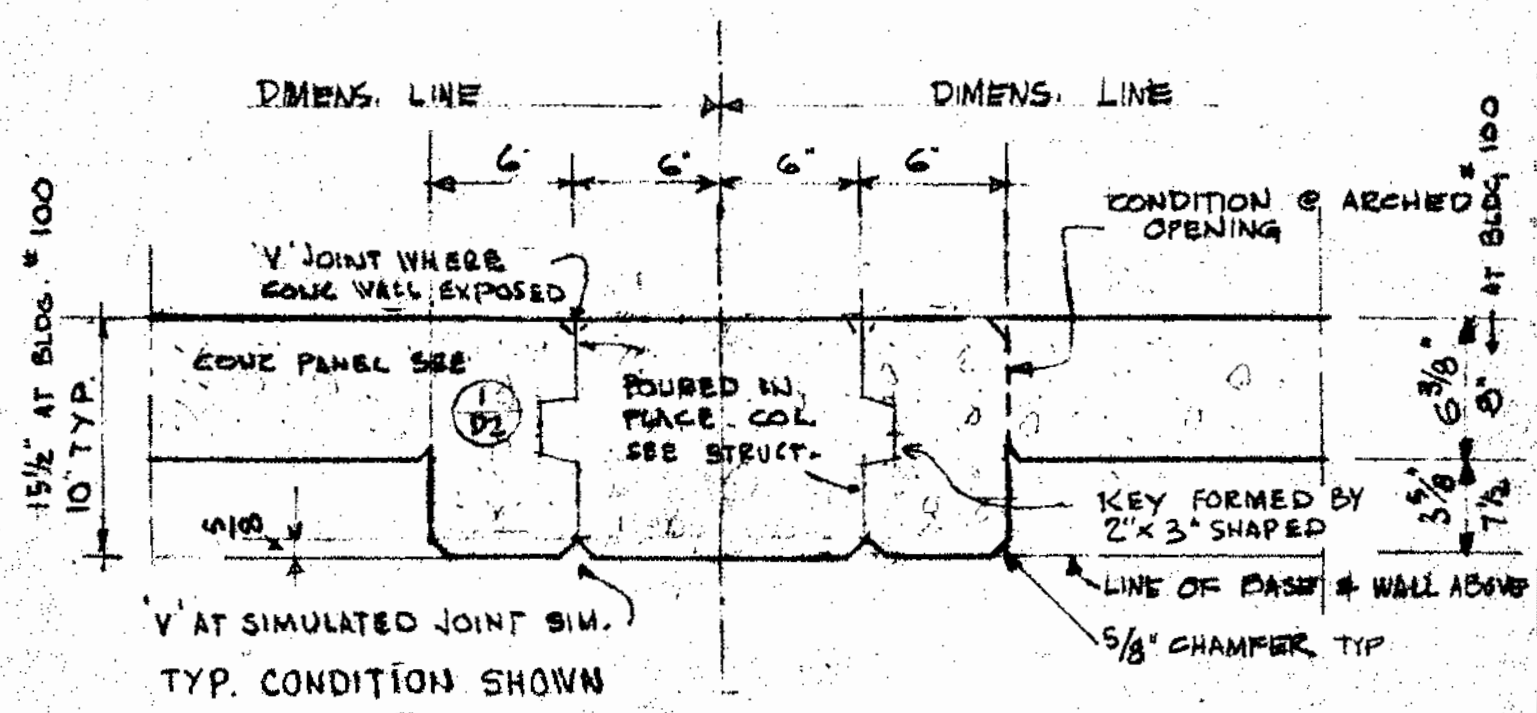


DET. AT WINDOW (3/D3) OR (6/D3)

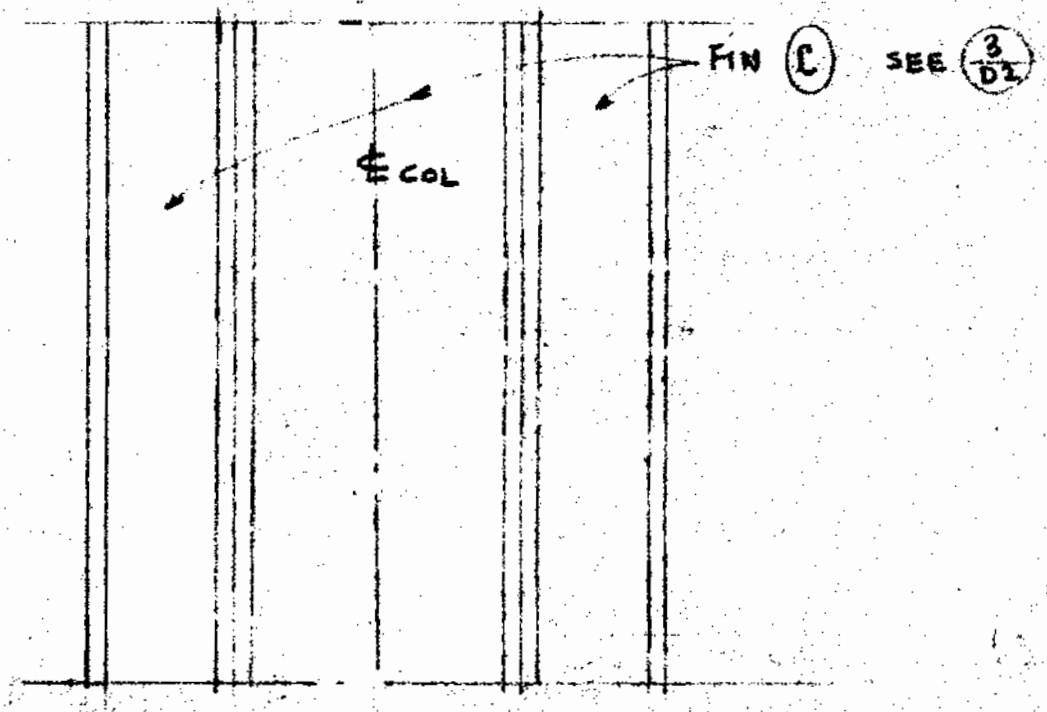
67-1-R
SCALE 1 1/2" = 1'-0"

CONC. PANEL DETAILS
HORIZ. SECTIONS - & FORMING

D2 | 1 | 19



(A) PLAN SECTION TYP. CONDITION



(B) COL. ELEVATION

67-1-7L

SCALE 1½"=1'

DETAILS @ COLUMN

D·2

2

8'-0" TYP SEE PLANS
SEE ALSO PLANS

16'-0" TYPICAL BAY

8'-0" TYP. CORNER FOR OTHER DIM. BAD. PT. SAME AS SHOWN

SEE STRUCT FOR EXTENT OF POURED IN PLACE PANEL

5/D1 & 4/D2

1'-2"

6"

LINE OF FINISH OF PANEL.

1'-2"

RWL THRU TYP. 6"x18" OPENING

POURED IN PLACE COL.

4'-3½" TYP

FOR SPECIAL CONDITION SEE SPECIFIC PANEL ELEVS.

FLUSH JOINT

6A/D2

7'-0" RAD

5'-10" RAD

1'-2"

5/8" DEEP SIMULATED 'V' JOINT TO 1" ABOVE CEIL.

5/8" RADIUS

7'-0" RAD

SEE BLDG. ELEV. OR PANEL DET FOR PIN

5'-10" RAD

5/8" DEEP 'V' JOINT TO 1" ABOVE CEIL.

7'-0" RAD

7'-0"

6B/D2 2A/D2 SIM

2A/D2 SIM 1/D2

2A/D2 SIM 1/D2

1'-0"

EL 30'-0"

VARIES SEE SPECIFIC PANEL ELEVS.

12"

TYP. 'V' JOINT

12"

5/D2

12" 12"

R.W.L. SEE PLANS FOR LOCATION

NOTE:

- FOR DOOR, WINDOW ETC. OPGS IN PANELS SEE PANEL DETS. OR BLDG. ELEVATIONS.
- SEE BLDG. ELEV. OR PANEL DETAILS FOR LOCATION OF THE FOLLOWING FINISHES

℄ JOINT - TYP.

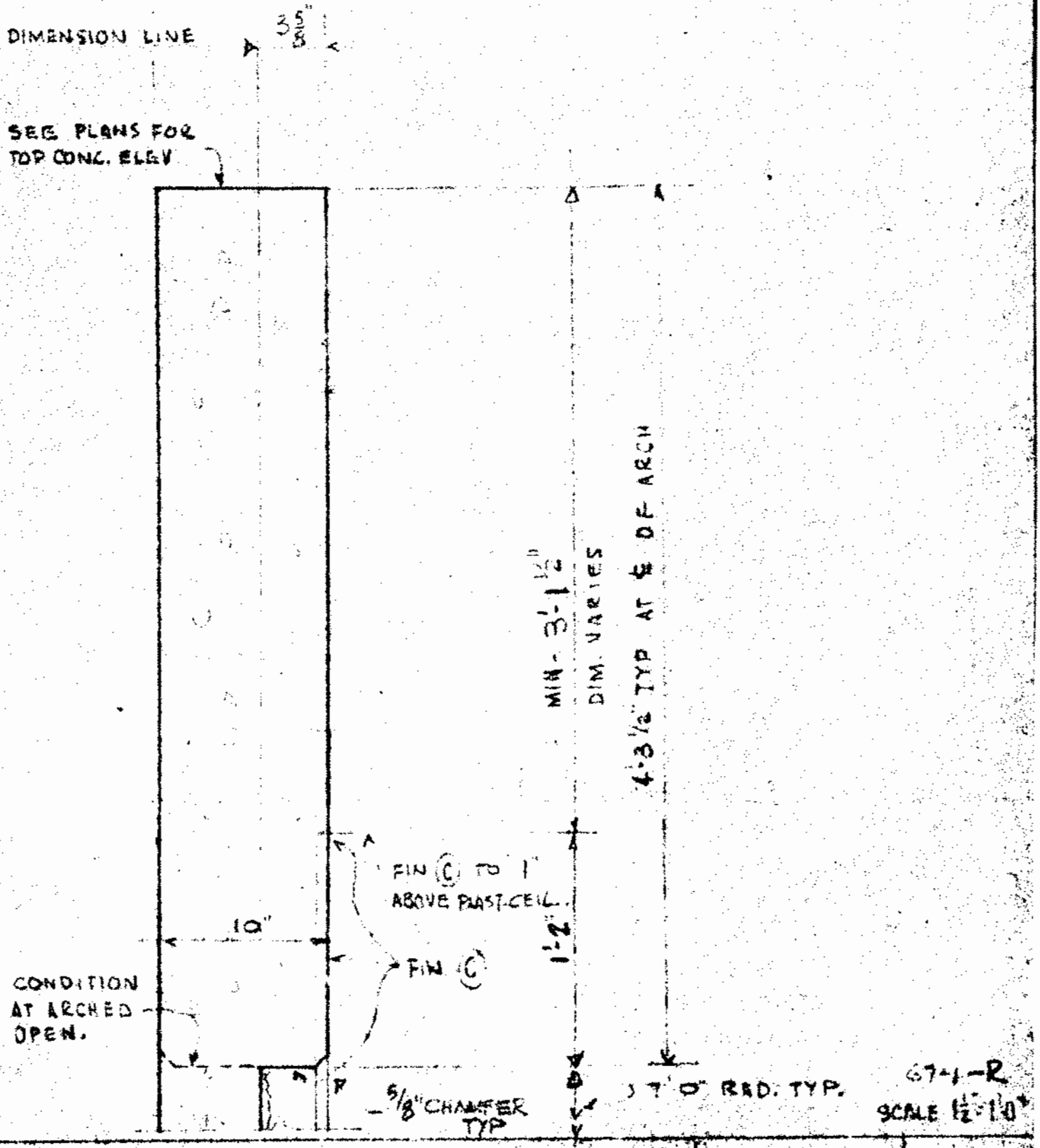
(B) - SPATTER DASH - PLASTER FINISH

(C) - SAND BLAST FINISH

62-1-R

TYPICAL PRE-CAST CONC. PANELS ELEVATIONS

13.2.3.

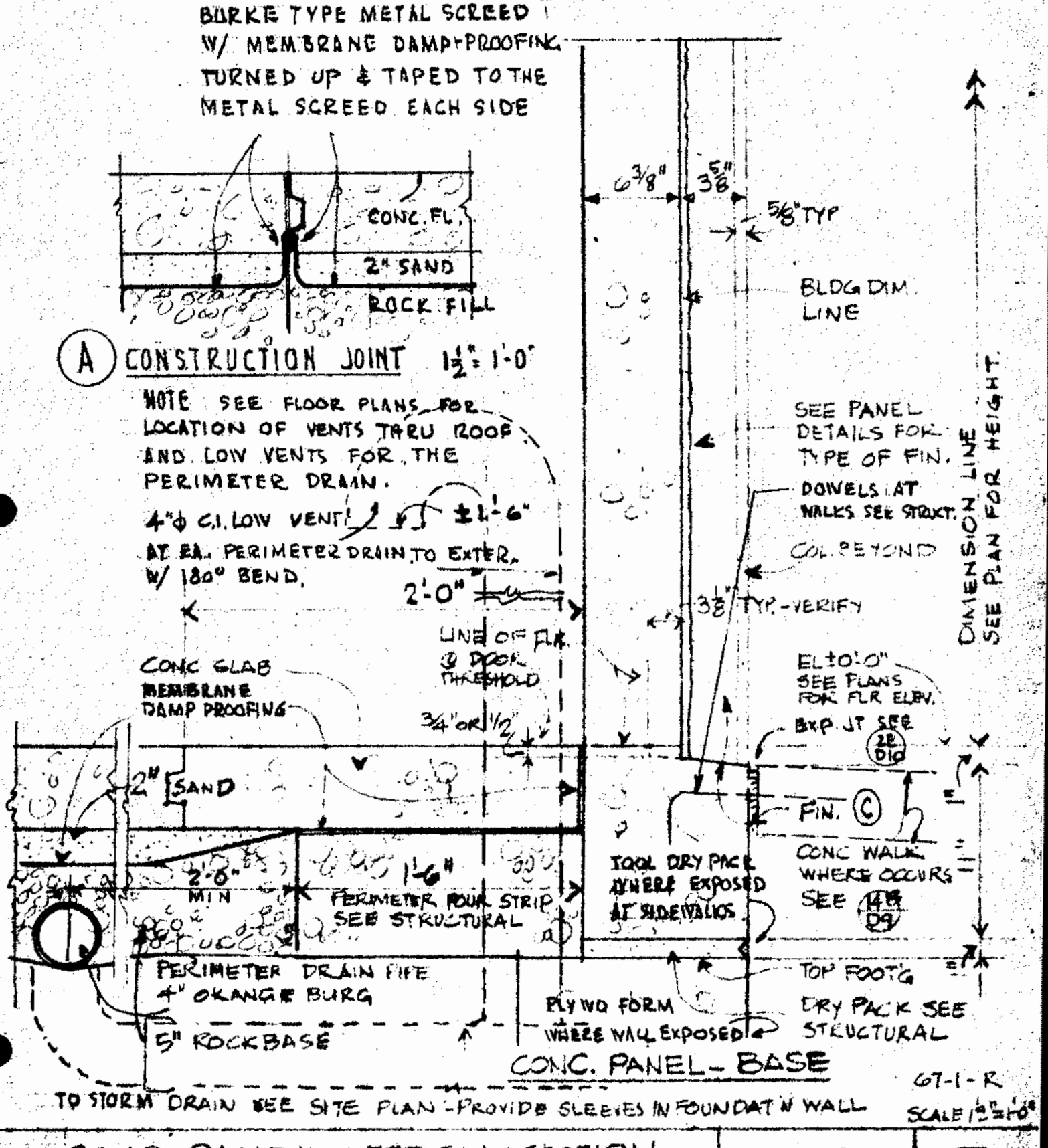


67-1-R
SCALE 1½"=1'0"

CONCRETE PANEL VERT. SECTION - TOP DETAIL

D2

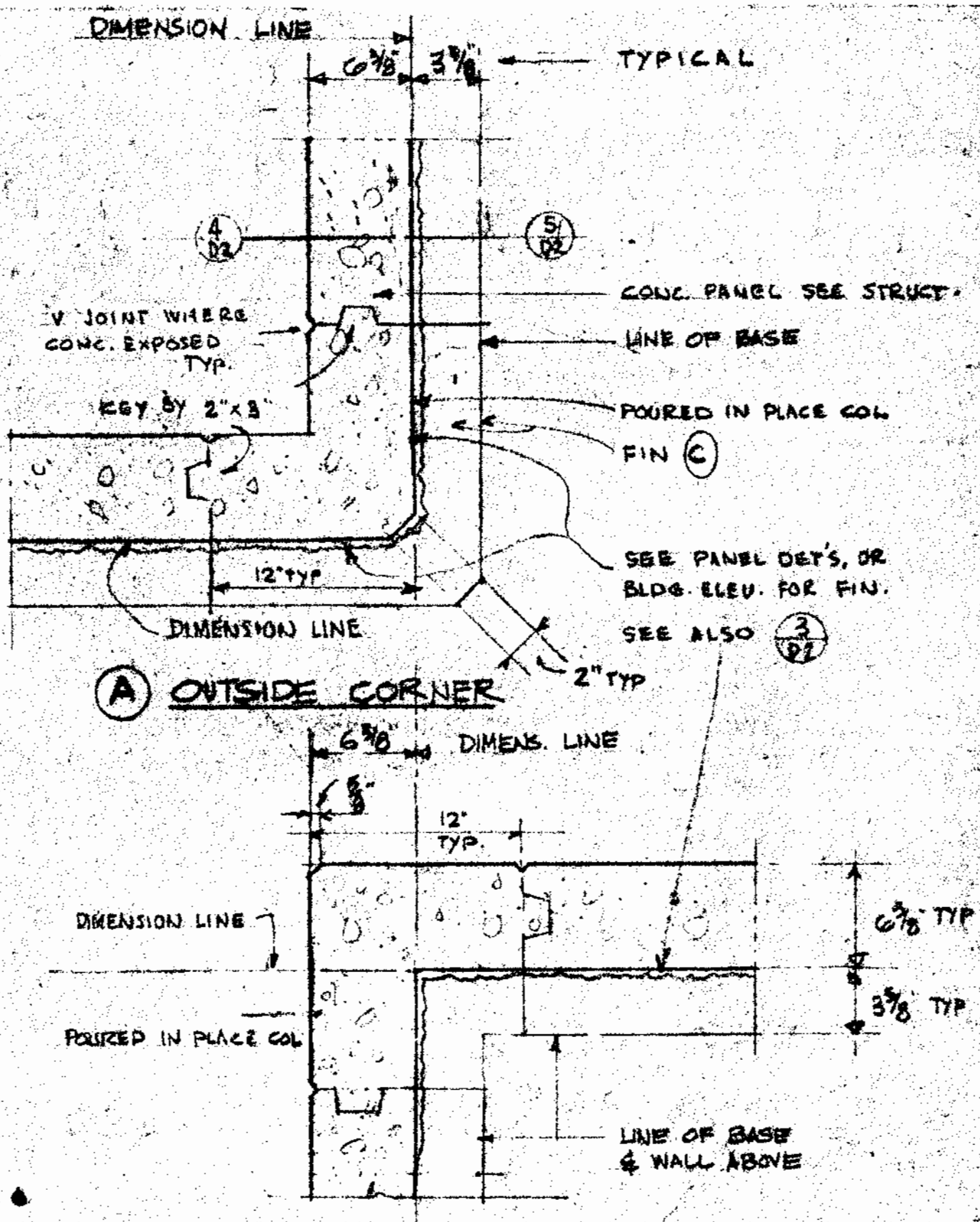
4



CONC PANEL VERTICAL SECTION
BASE DETAIL

D 2

5



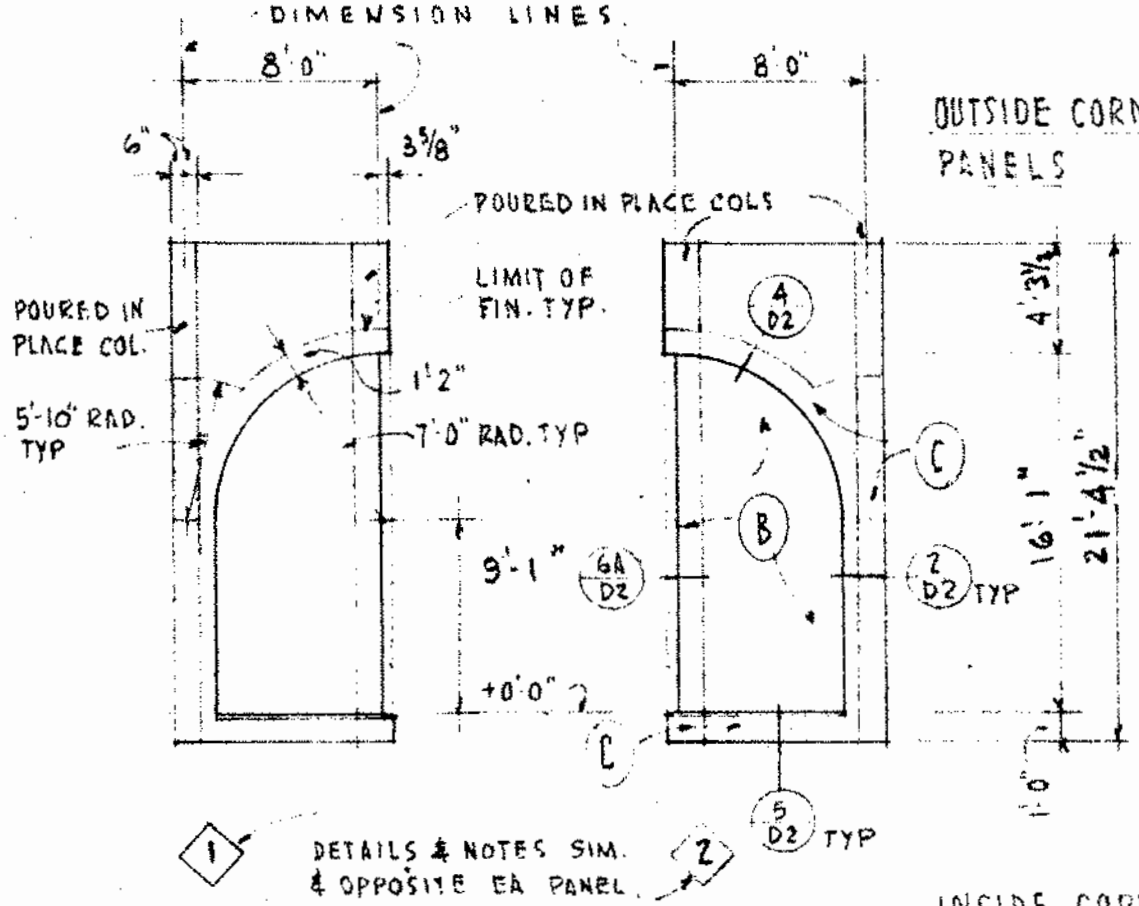
67-1-E

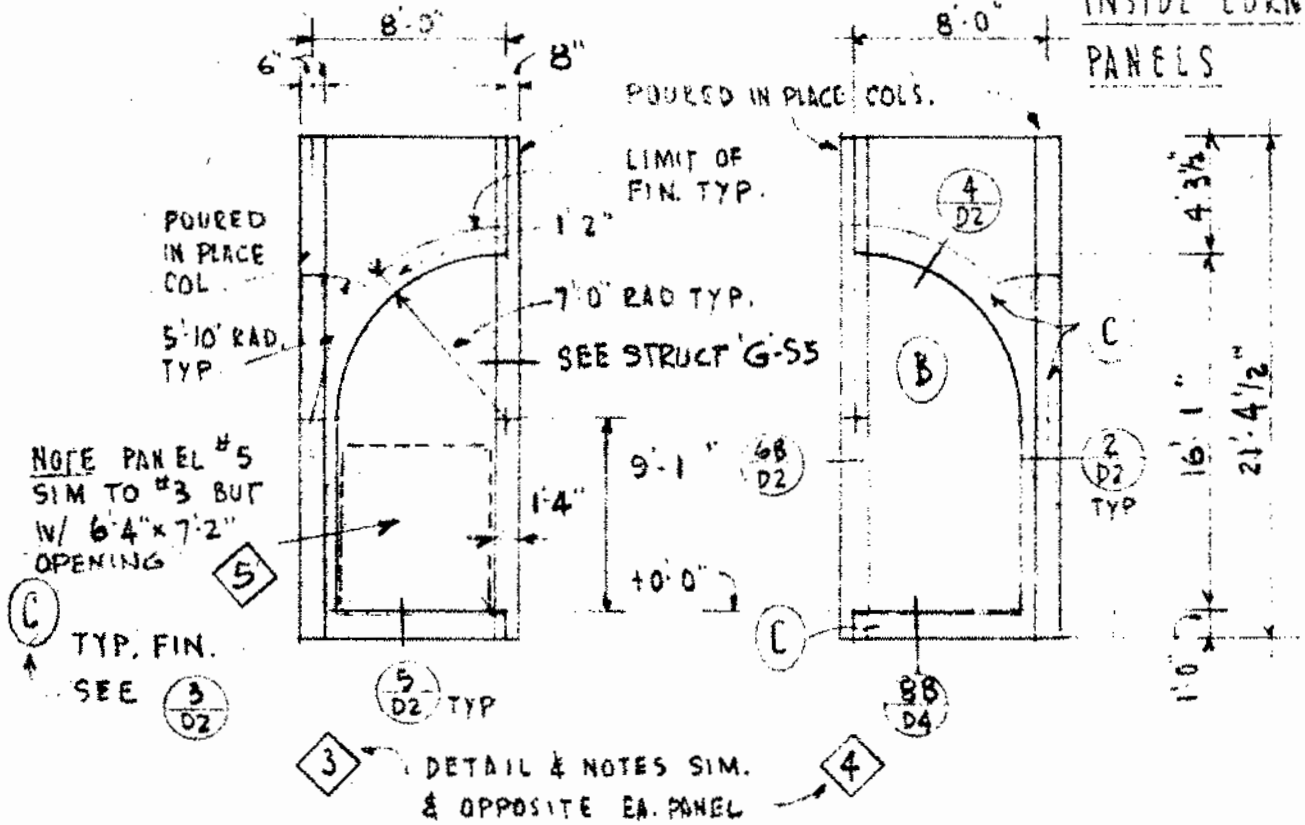
SCALE 1"=1'-0"

CORNER SECTIONS

D·2

6





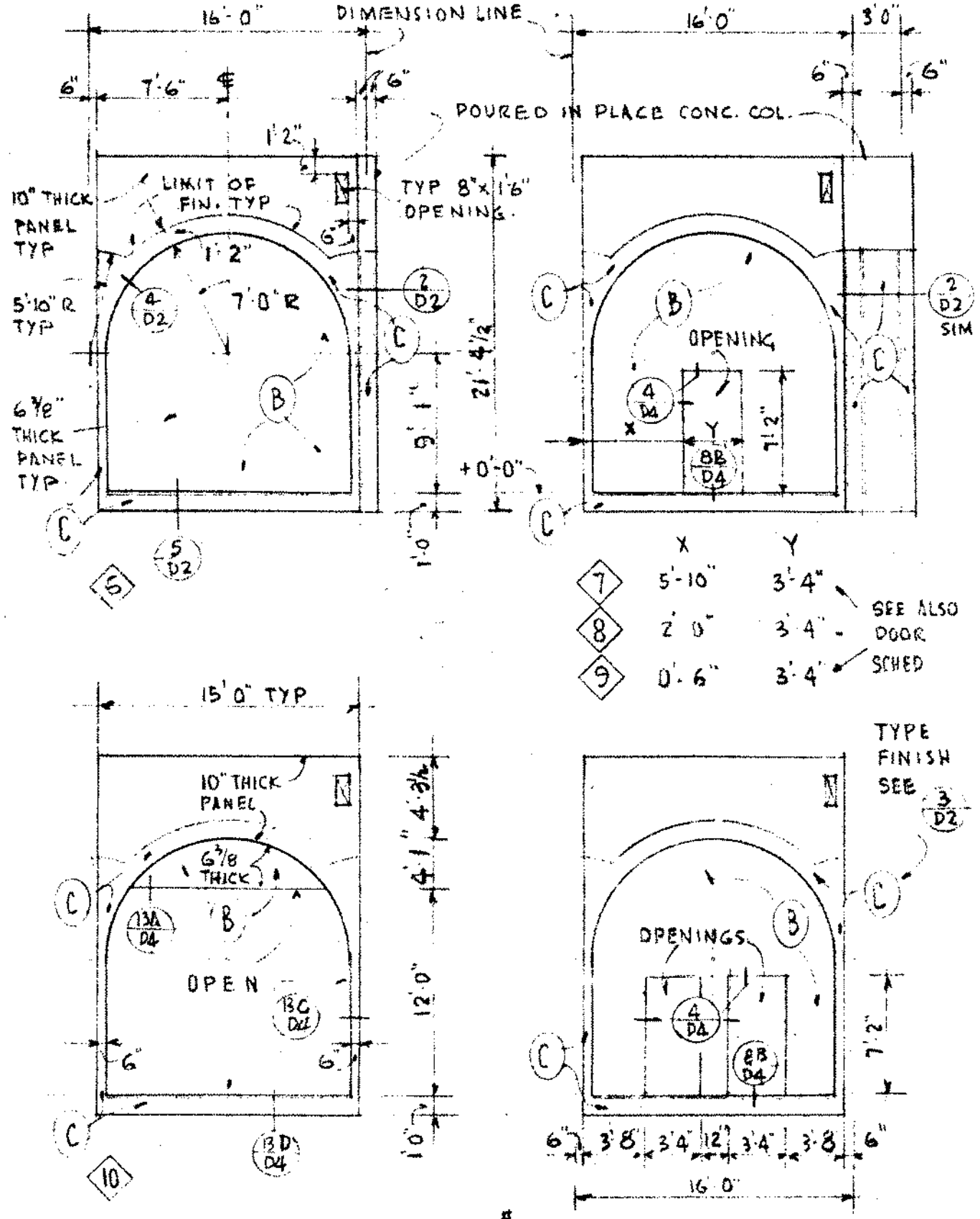
SCALE ⅛"=1'0"

CONCRETE PANEL DETAILS
BUILDING 1800A - PANELS 1 THRU 5

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D2

DETAIL 7



NOTE TYP DET. & DIM. SHOWN ON PANEL #6 APPLY TO PANELS #7 THRU #11
SEE ALSO PANEL #21 ON 11/D2

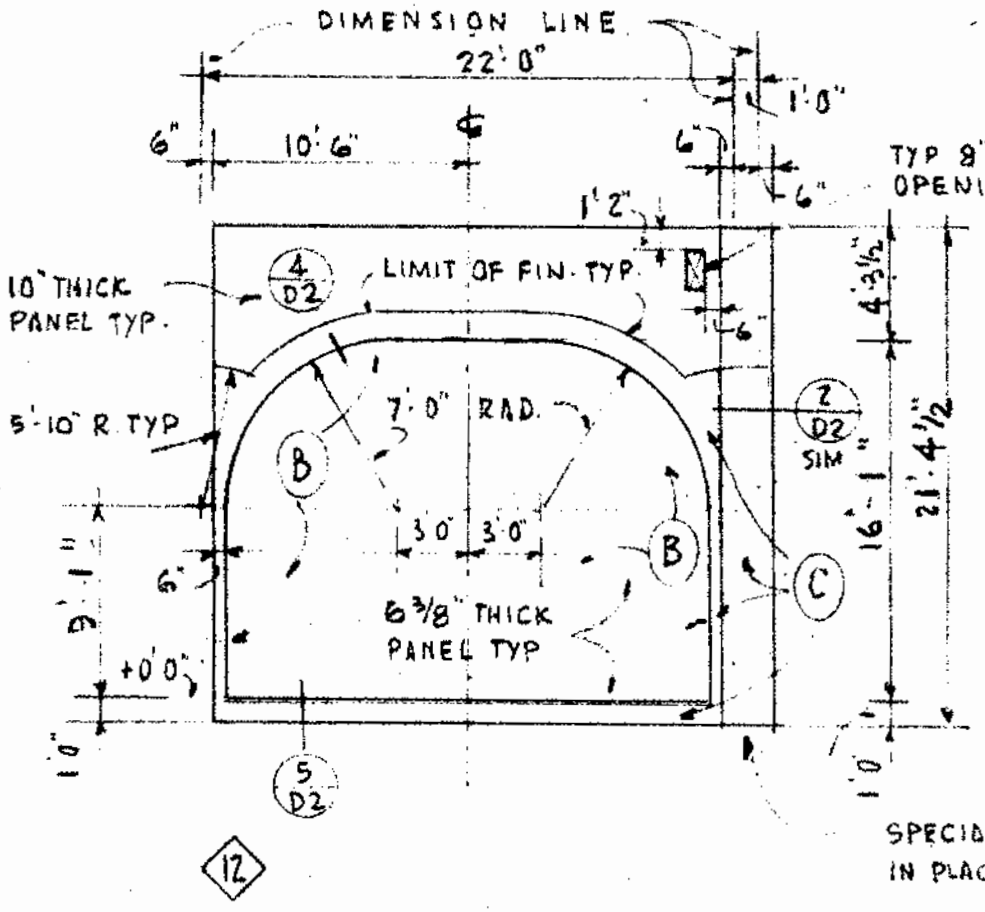
SCALE 1/8"=1'0"

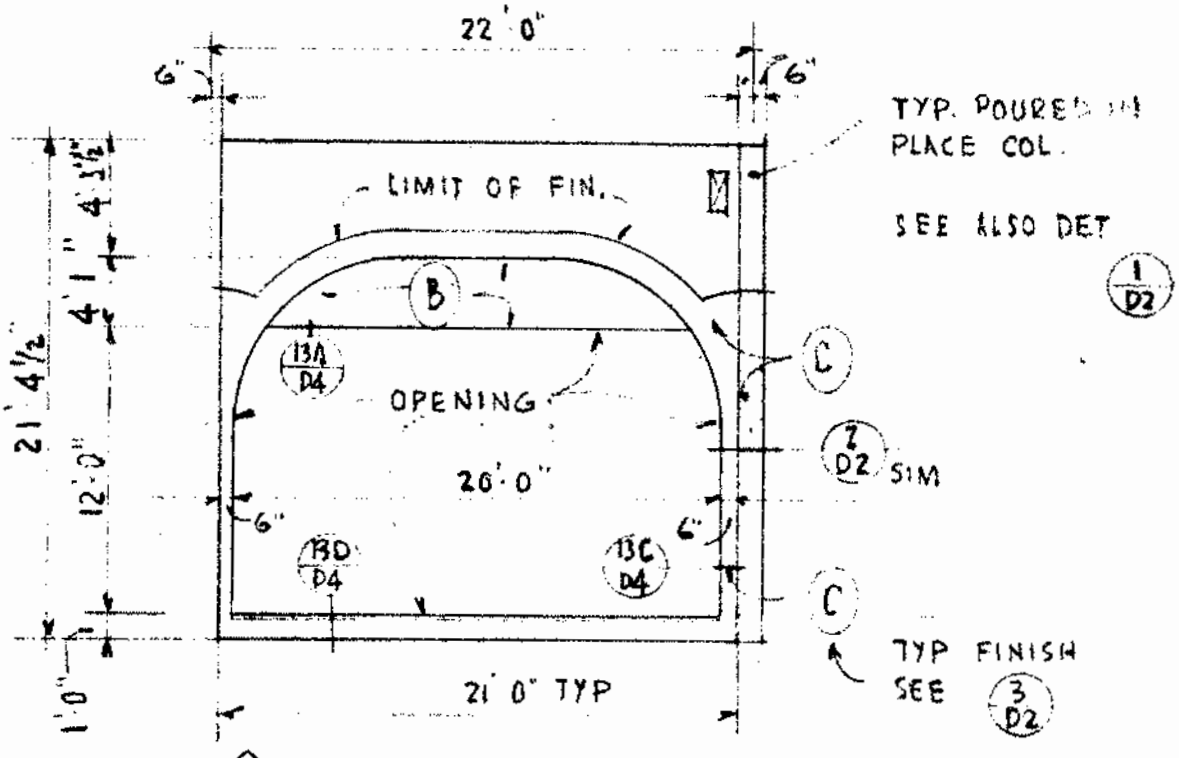
CONCRETE PANEL DETAIL

BUILDING 1800 A ◦ PANELS 6 THRU 11

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D2	8





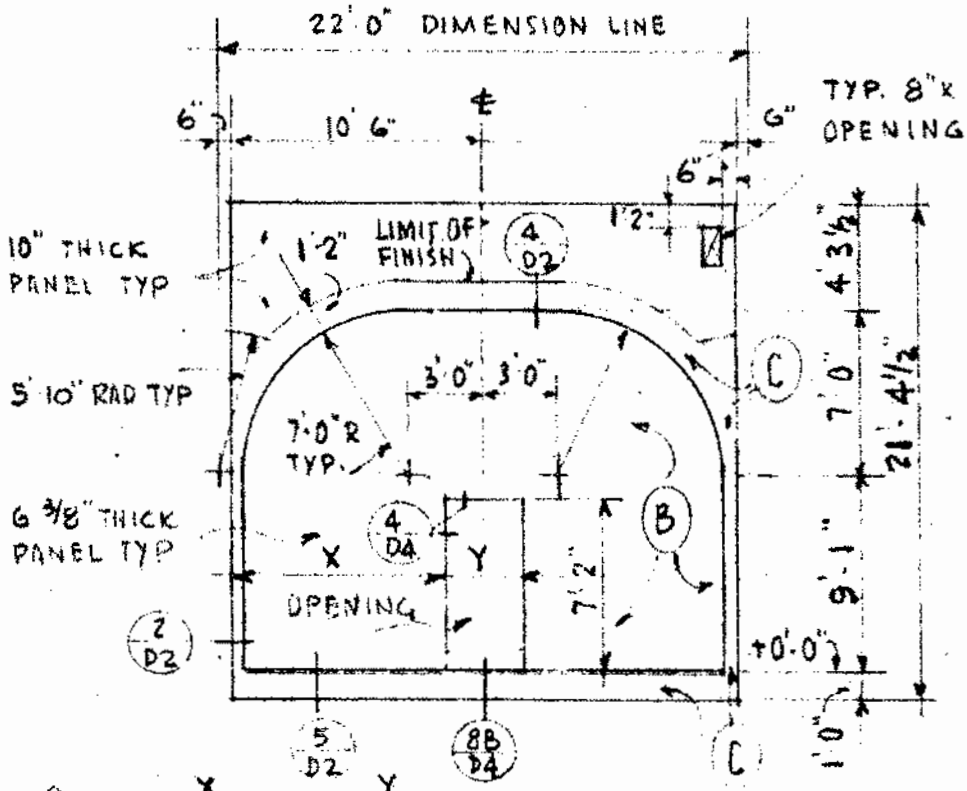
SCALE 1/8" = 1'-0"

CONCRETE PANEL DETAIL

BUILDING 180D 'A' - PANELS 12 & 13

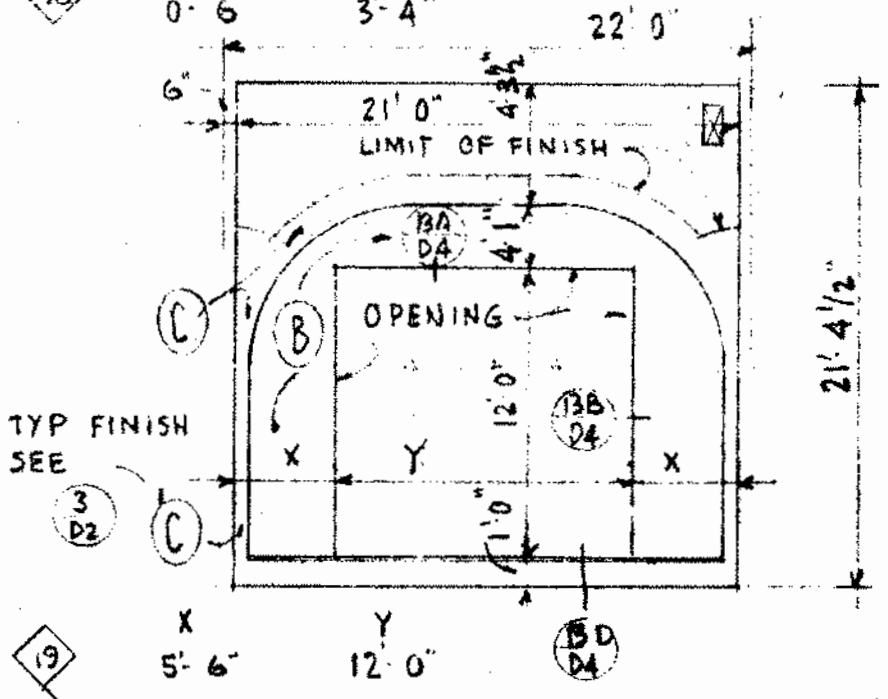
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D2	9



	X	Y
14	8' 10"	3' 4"
15	6' 0"	3' 4"
16	0' 6"	3' 4"

	X	Y
17	1'-10"	3'-4"
18	17'-2"	3'-4"



	X	Y
19	5'-6"	12'-0"
20	4'-6"	14'-0"

SEE ALSO TYP NOTES & DIM. FOR PANEL #14 ABOVE.

SCALE 1/8" = 1'-0"

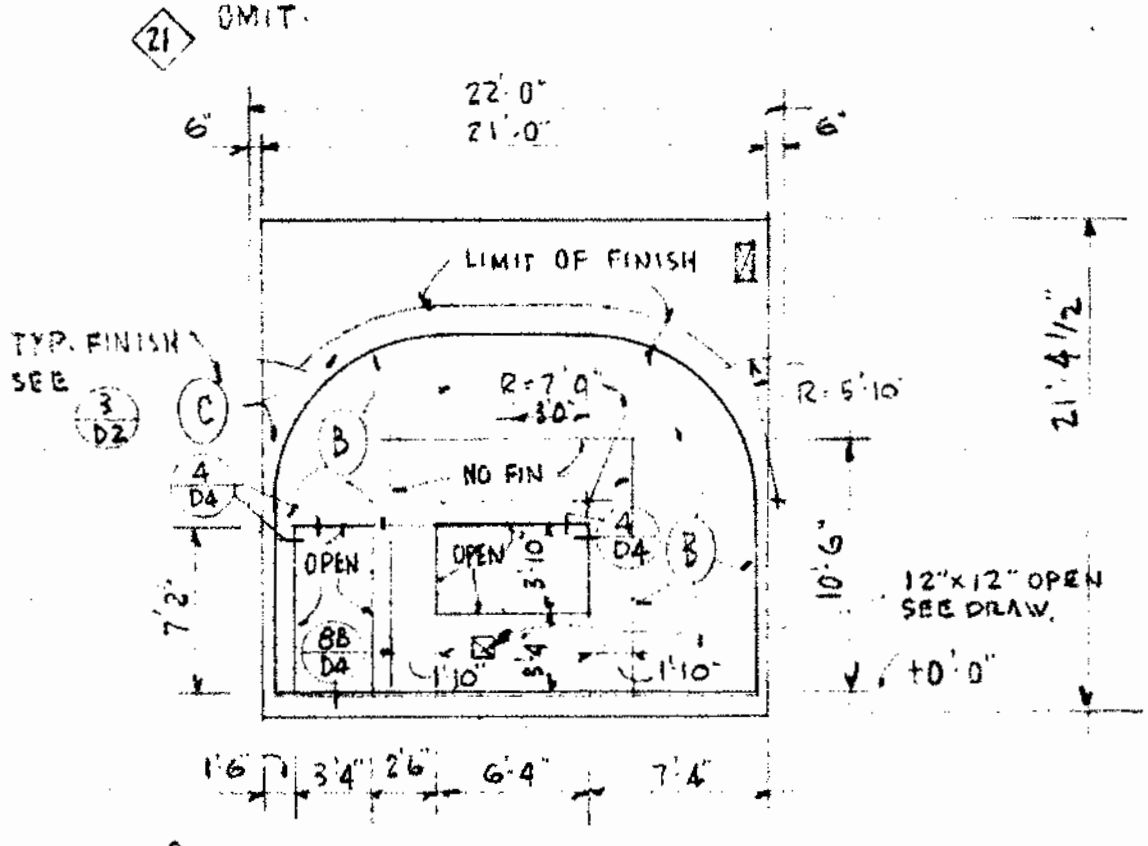
CONCRETE PANEL DETAIL

BUILDING 1800 A • PANELS 14 THRU 20

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D2

DETAIL 10



22 SEE ALSO TYP. NOTES & DIM. FOR PANEL # 19 ABOVE

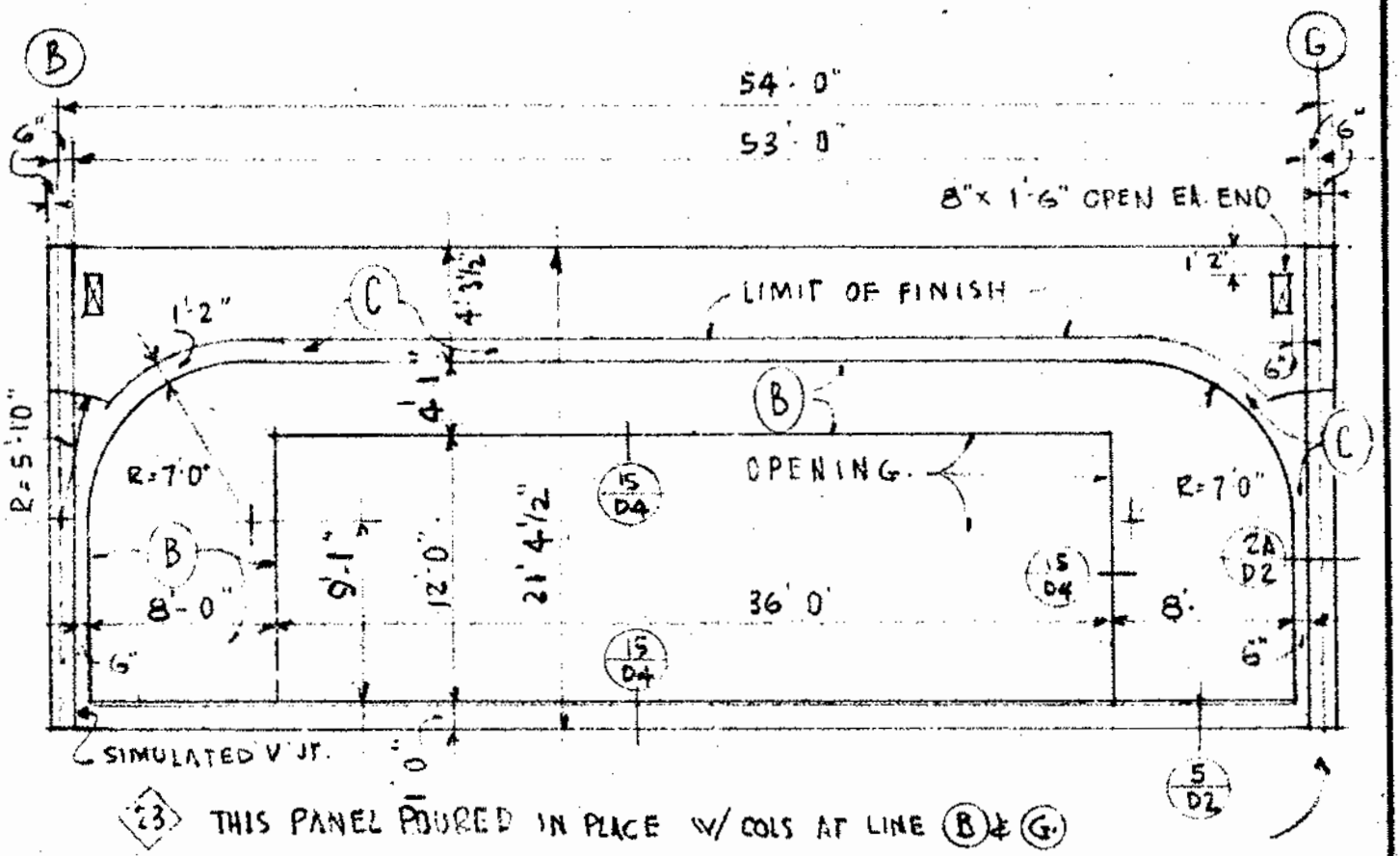
SCALE 1/8" = 1'-0"

CONCRETE PANEL DETAIL

BUILDING 1800 A • PANELS 22

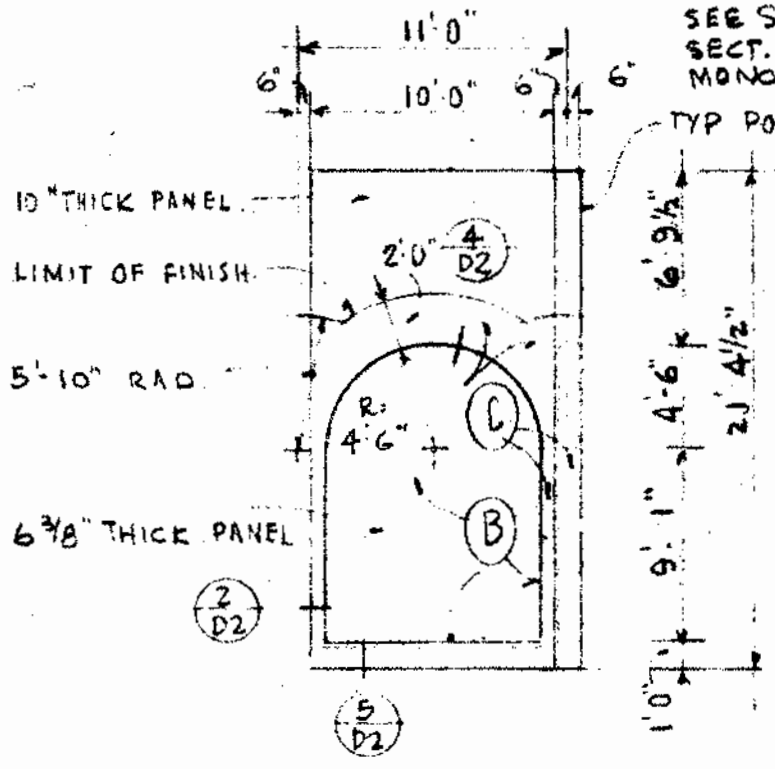
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 2	11



23 THIS PANEL POURED IN PLACE W/ COLS AT LINE (B) & (G)

SEE STRUC. B-S10 FOR SECT. OF FOUNDATION POURED MONOLITHICALLY W PANEL.



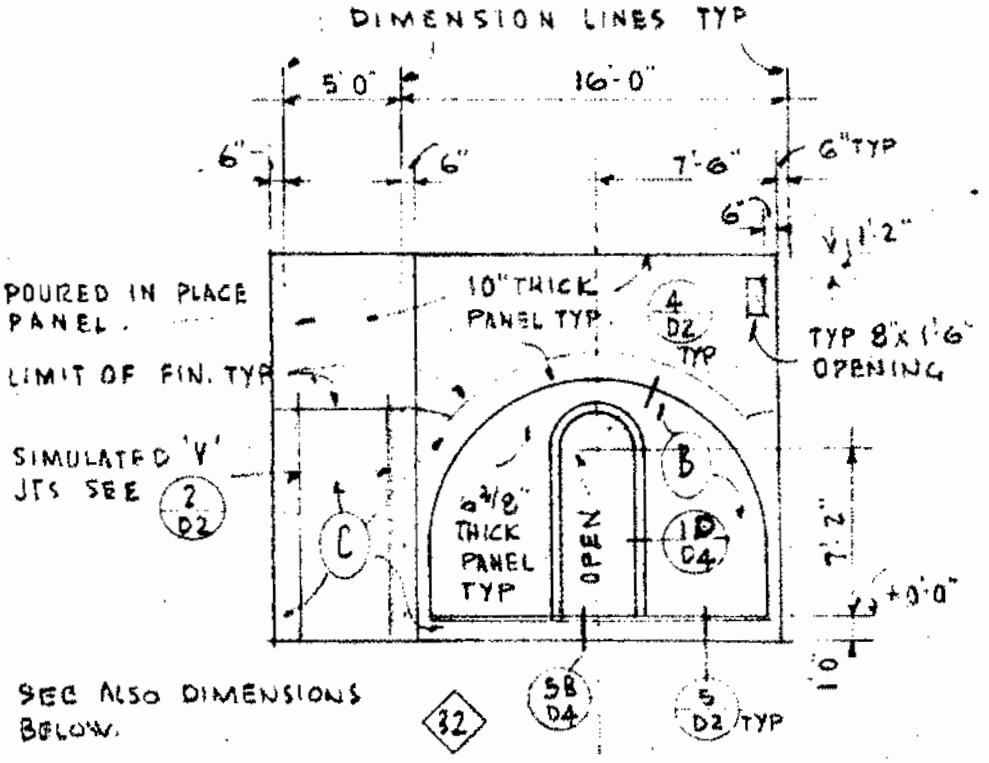
24

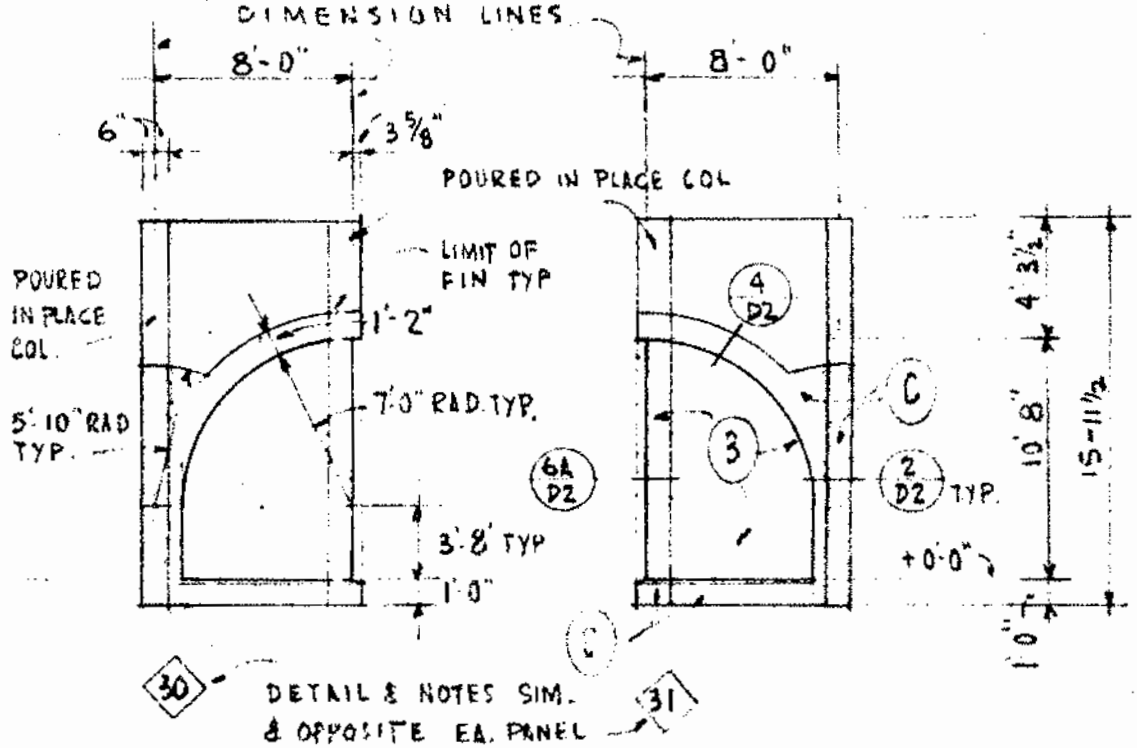
SCALE ⅛" = 1'0"

CONCRETE PANEL DETAIL
BUILDING 1800 A ◦ PANELS 23 & 24

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D2 | DETAIL 12





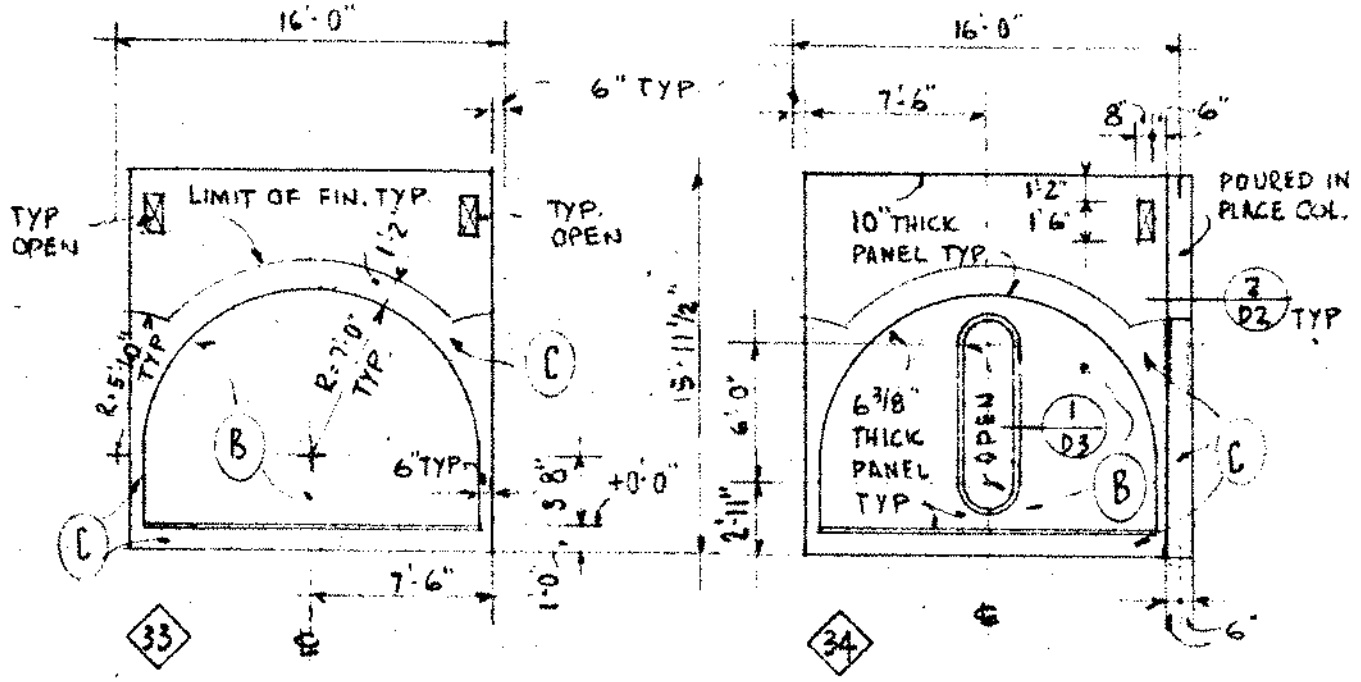
SCALE 1/8"=1'-0"

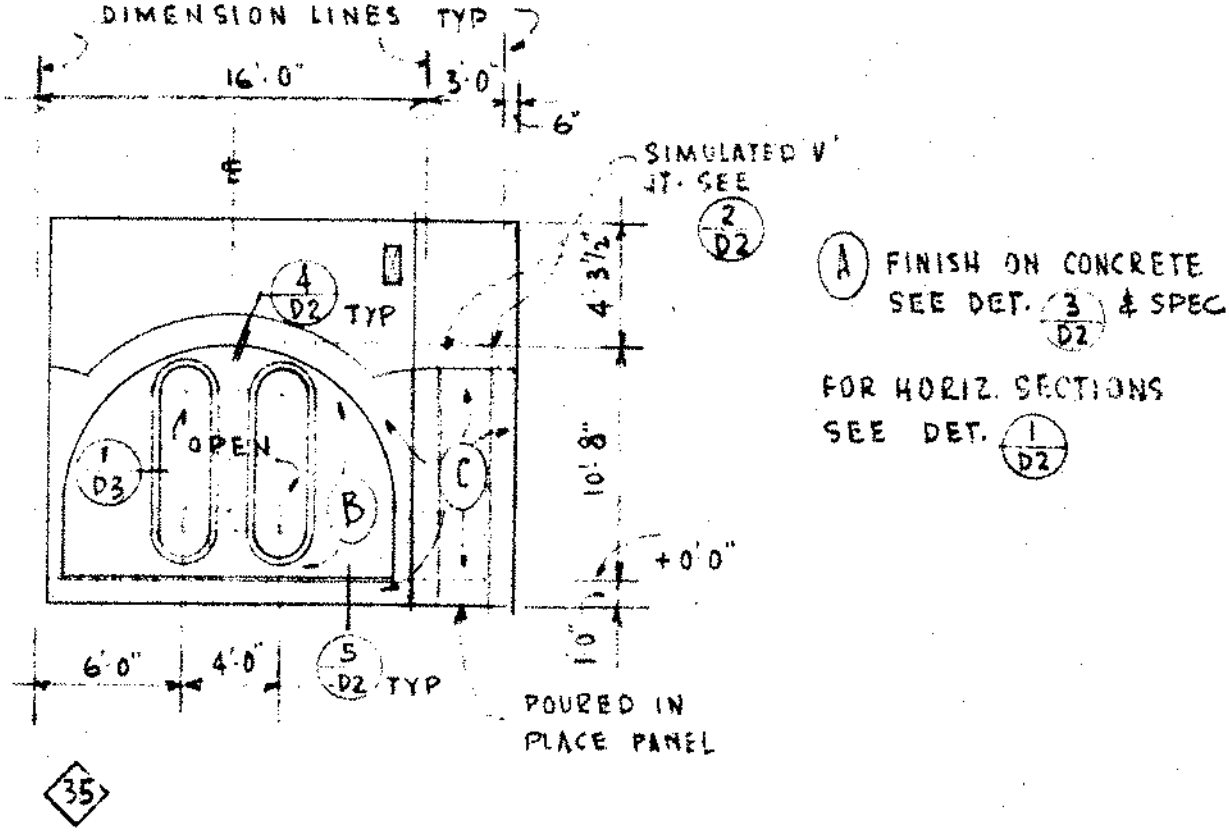
CONCRETE PANEL DETAILS

BUILDING 1800 B • PANELS 30, 31 & 32

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D2	14





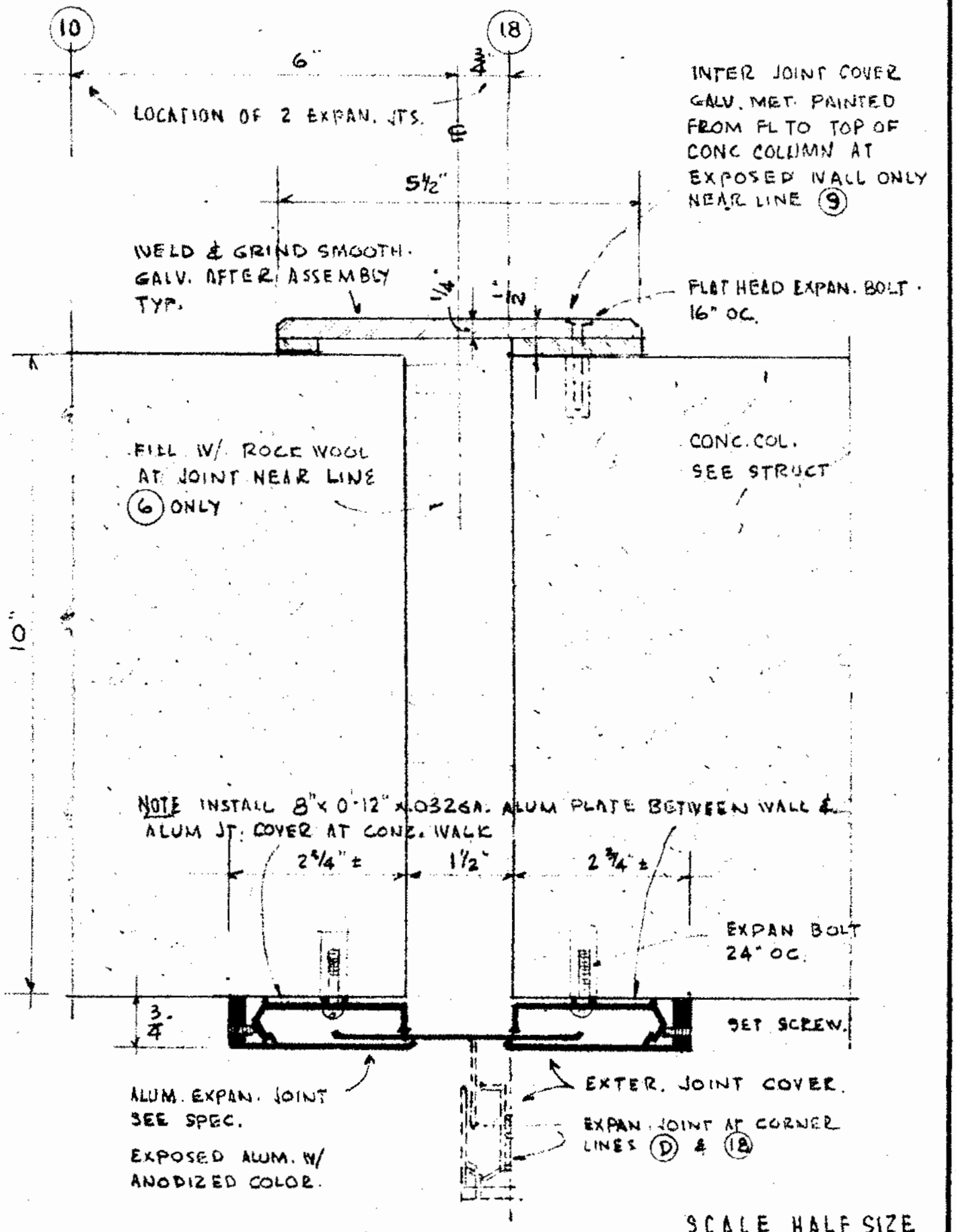
SCALE 1/8"=1'0"

CONCRETE PANEL DETAILS

BUILDING 1800 B • PANELS 33 34 & 35

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D2 | DETAIL 15

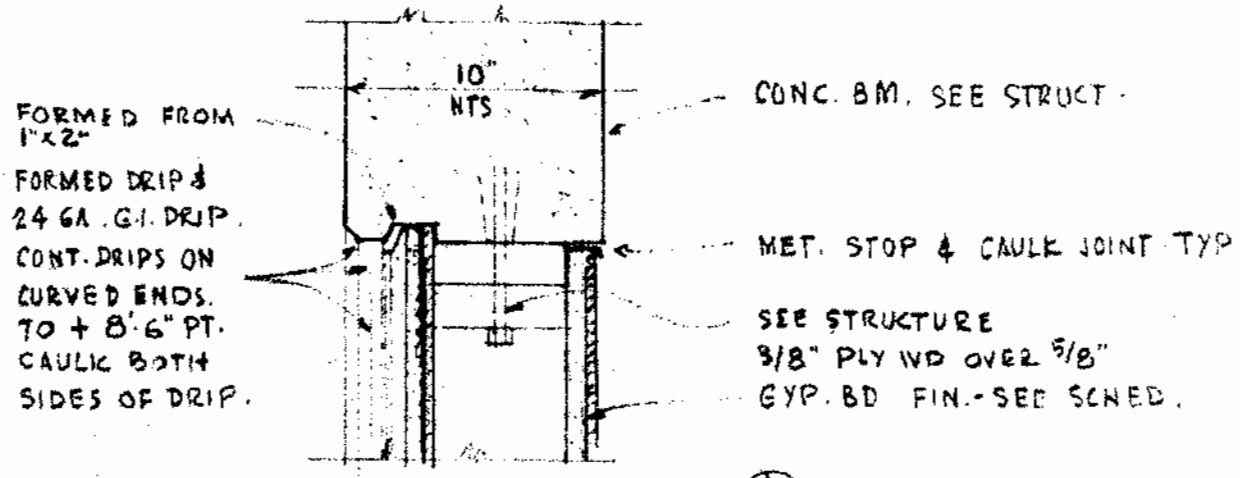


SCALE HALF SIZE

CONC. COLUMN EXPANSION JOINT

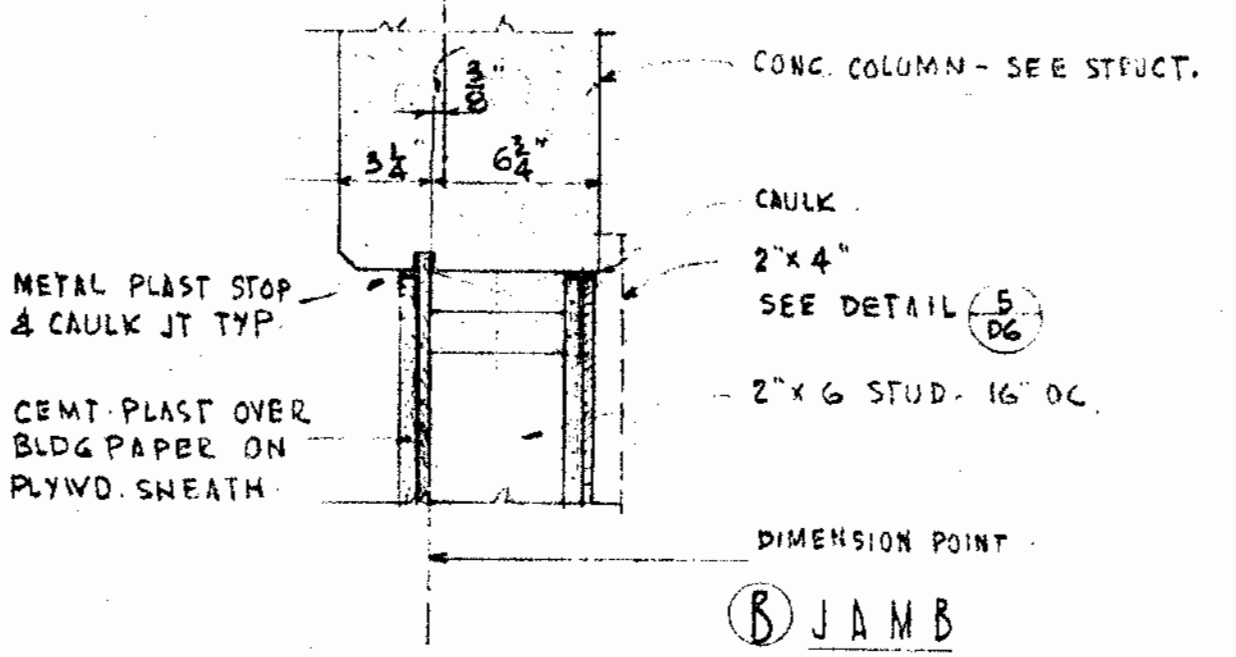
GROUP	DETAIL
D 2	16

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

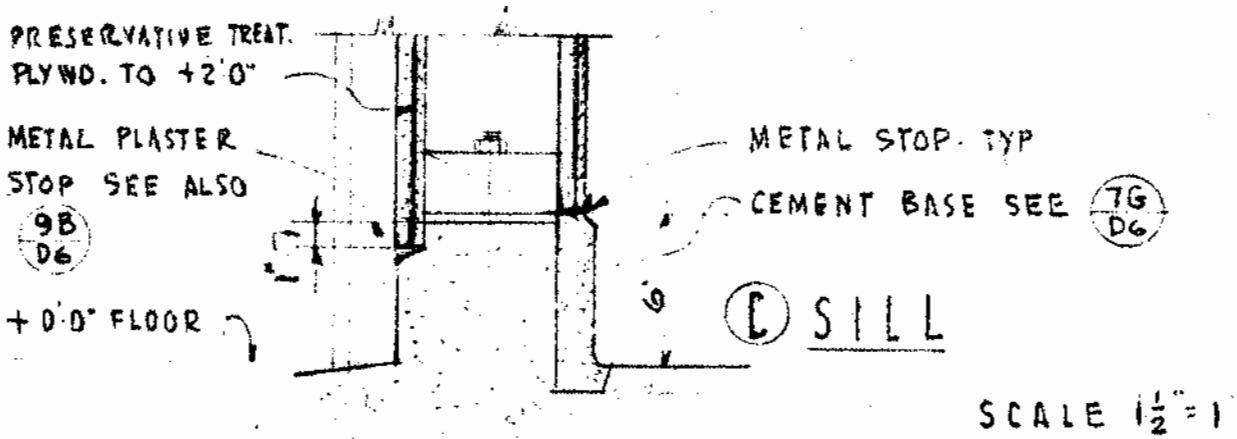


(A) HEAD

(D)



(B) JAMB



(C) SILL

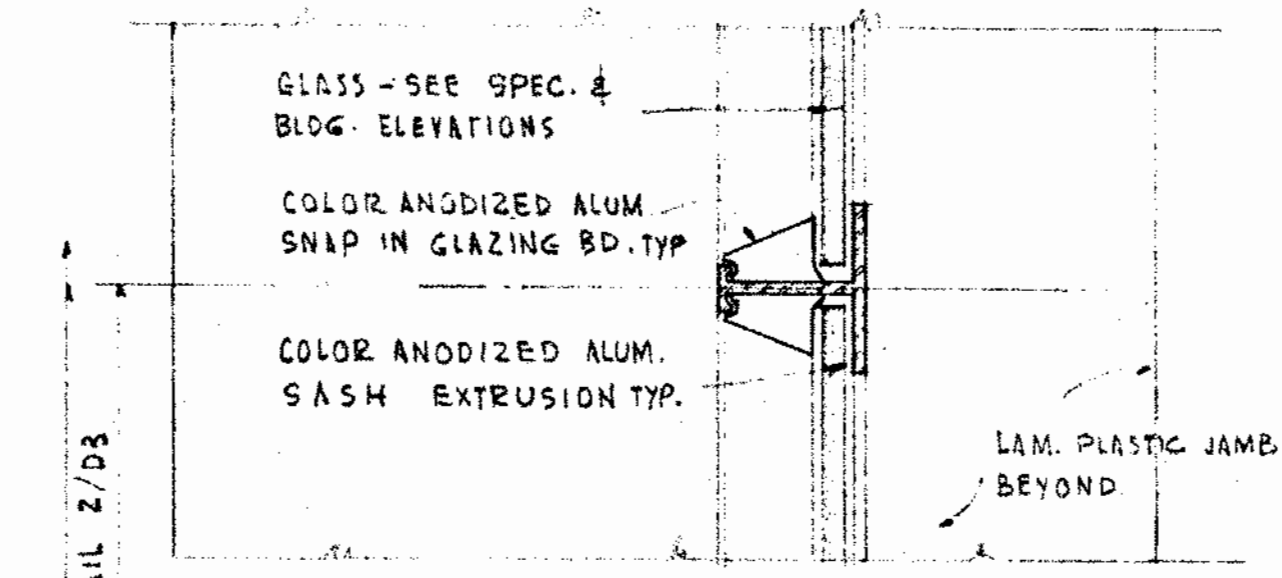
SCALE 1½" = 1'0"

EXTERIOR STUD WALL

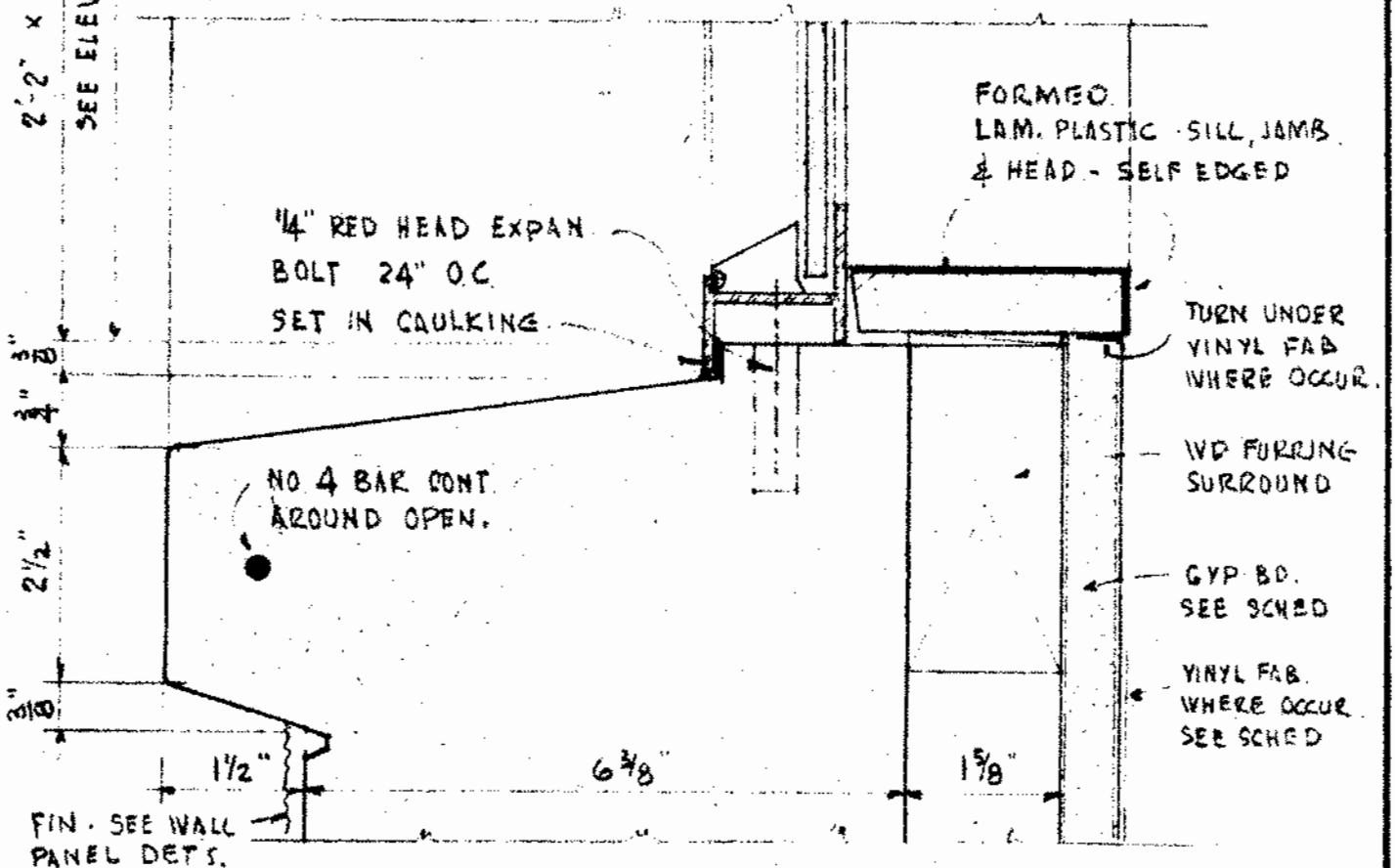
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 2	17

JOB 67-12 PAGE 35



(B) MULL



(A) SILL, HEAD & JAMB

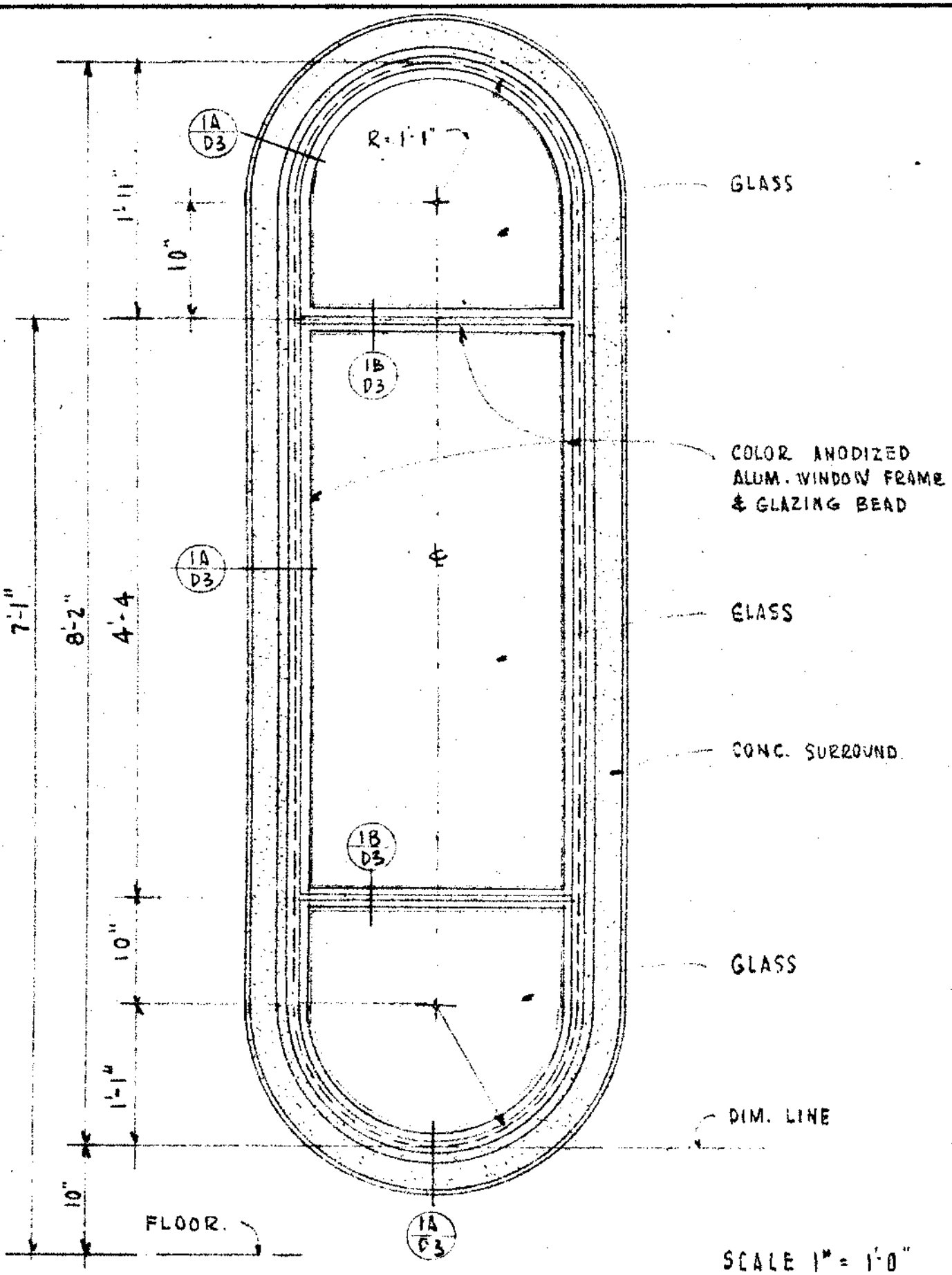
SCALE - HALF SIZE

WINDOW DETAILS BLDG 1800B

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 3	1

JOB 67-1 R PAGE 36

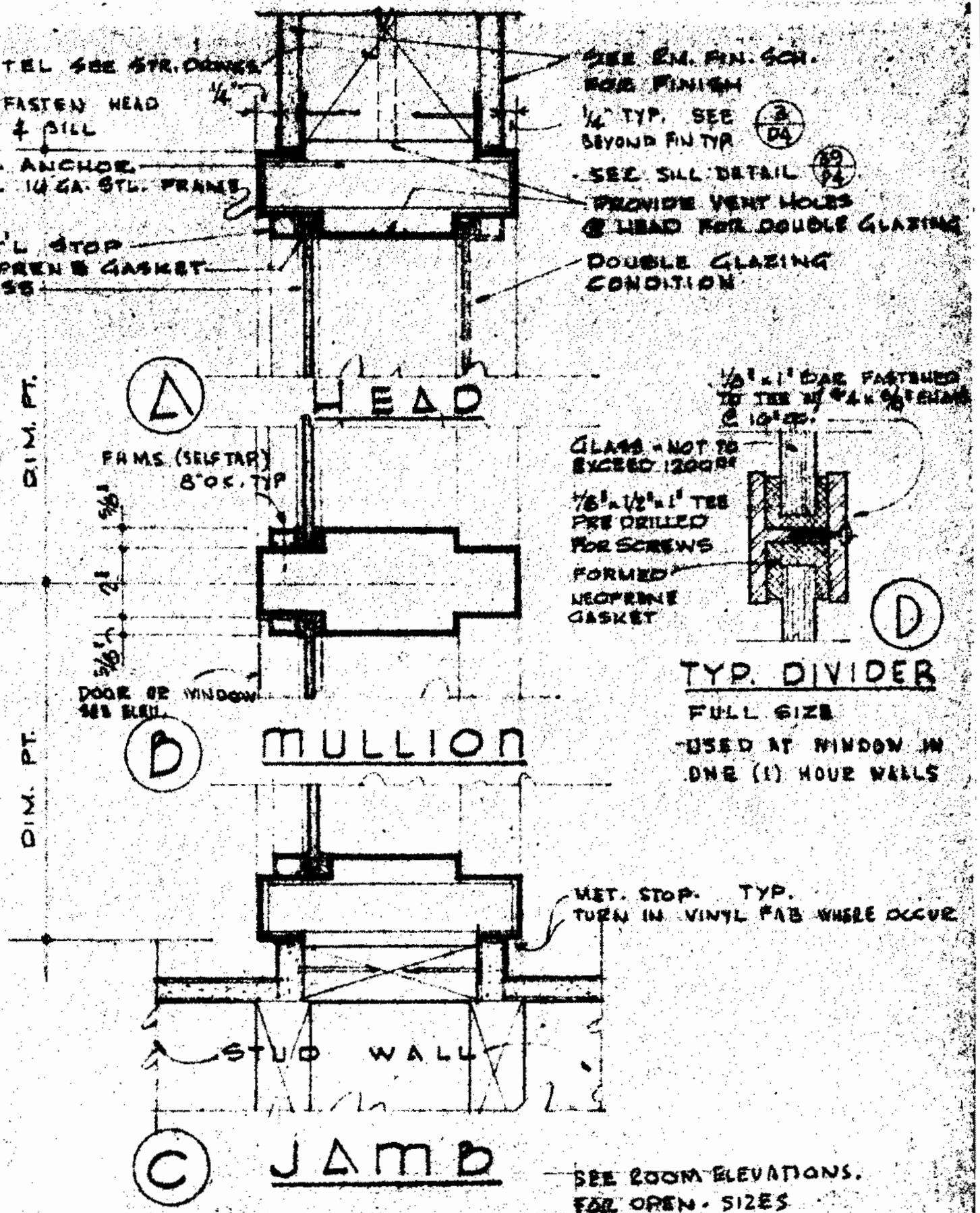


SCALE 1" = 1'-0"

WINDOW DETAILS BLDG 1800B

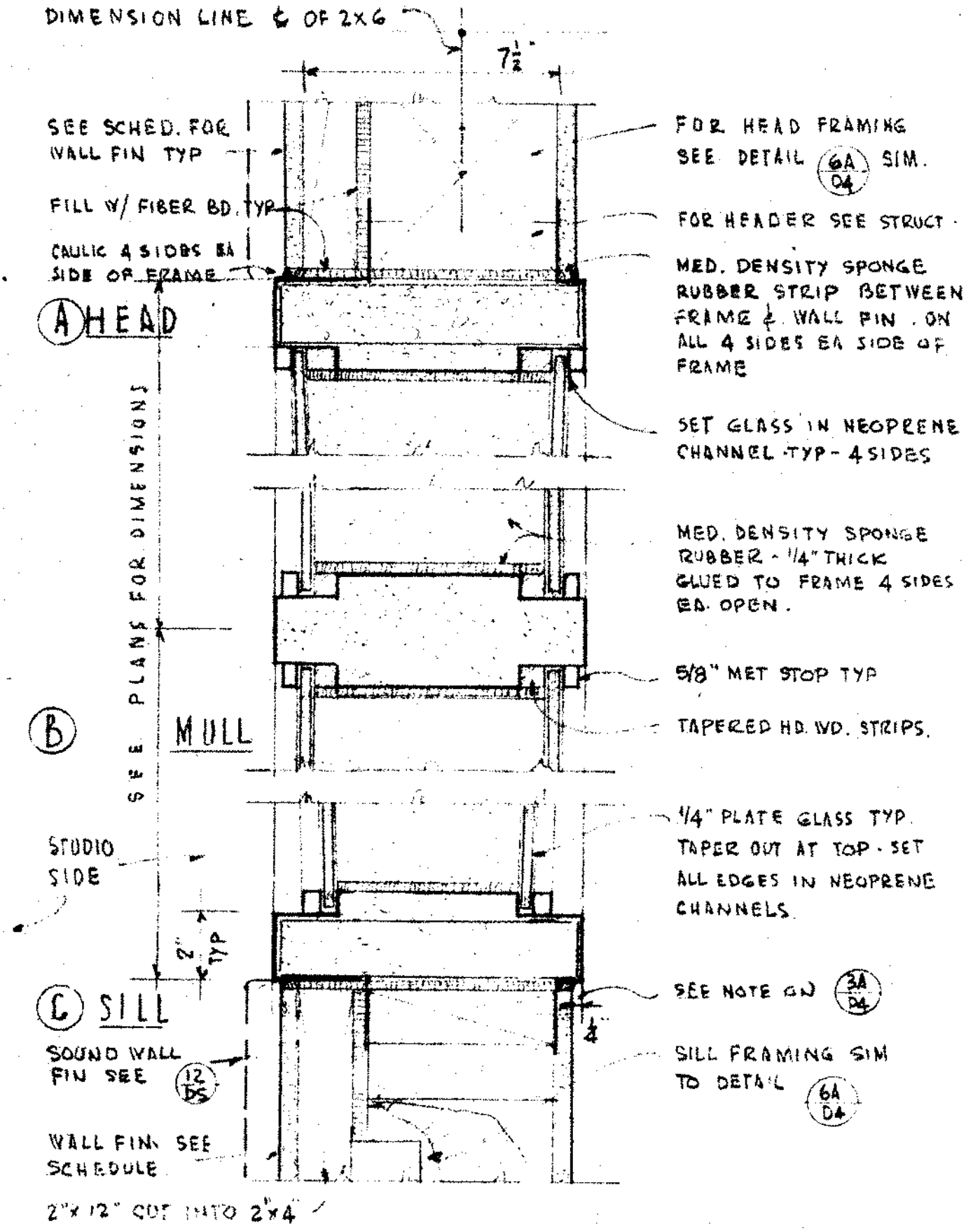
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 3	2



67-1-12

GLAZED METAL FRAME DET.	D 3	3

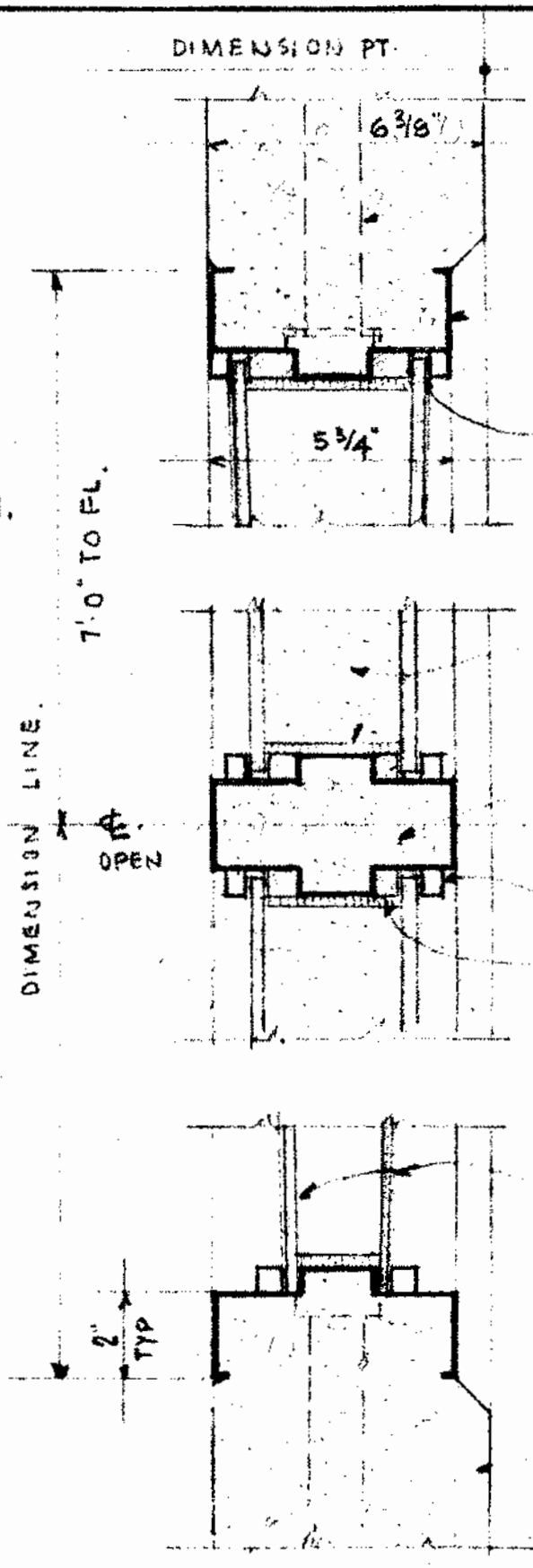


SCALE 3" = 1'-0"

FIXED GL. FRAME IN SOUND WALL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 3	4



CONCRETE FRAME TIE 24" O.C. MIN 2 EA SIDE

TYP. HOLLOW MET. FRAME POURED IN PLACE IN CONC. PANEL.

SET GLASS IN NEOPRENE CHANNEL - TYP 4 SIDES

Ⓐ HEAD
JAMB SIM.

Ⓑ MULL

MED. DENSITY SPONGE RUBBER 1/4" THICK GLUED TO FRAME 4 SIDES, EA. OPEN.

GROUT MULL SOLID

5/8" MET. STOP TYP.

TAPERED HD. WD STRIPS TYP.

Ⓒ SILL

1/4" CLEAR WIRE GLASS TAPER OUT AT TOP. SET ALL EDGES IN NEOPRENE CHANNELS

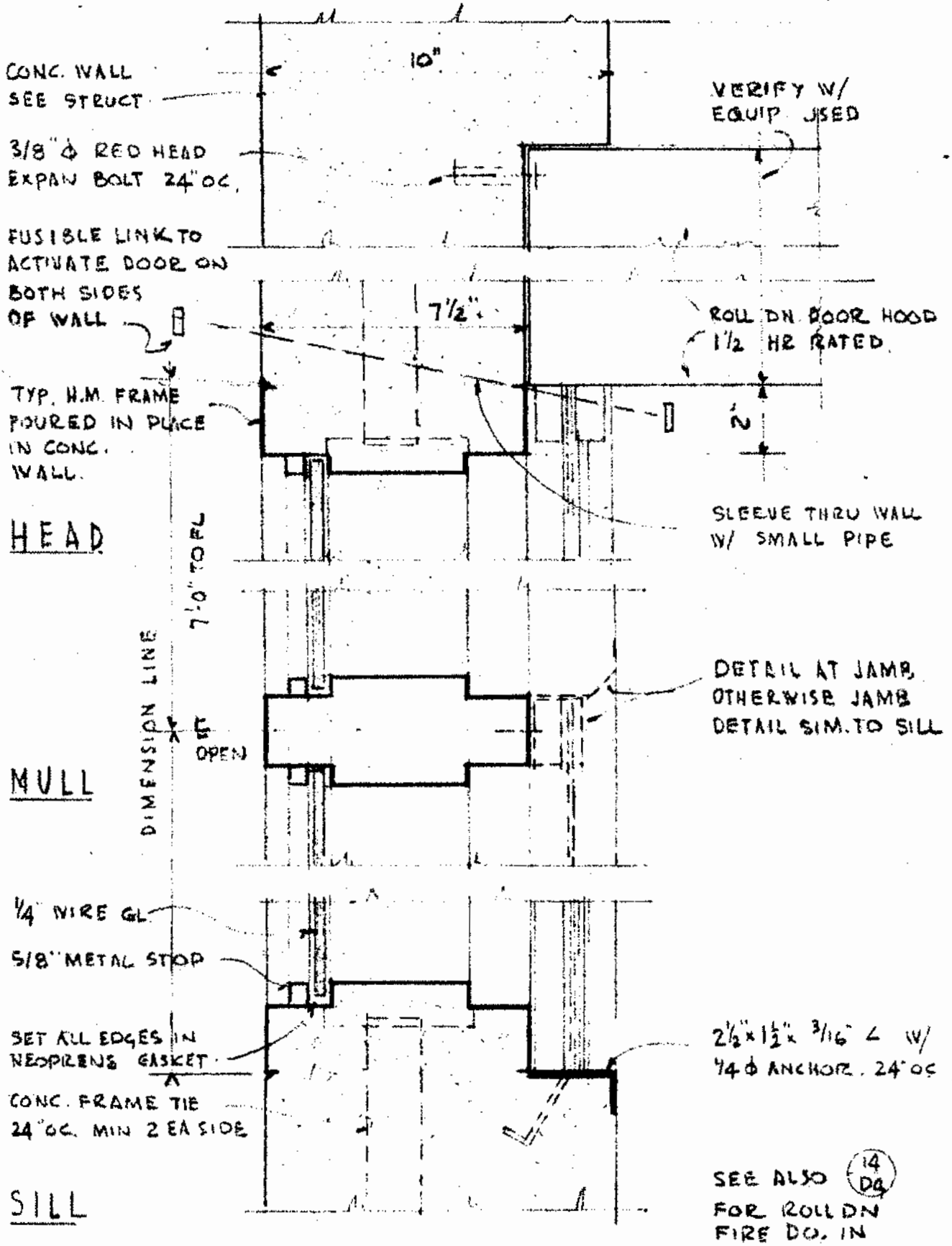
CONCRETE PANEL.

SCALE 3" = 1'-0"

FIXED FRAME IN CONC. WALL
SOUND RETARD.

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

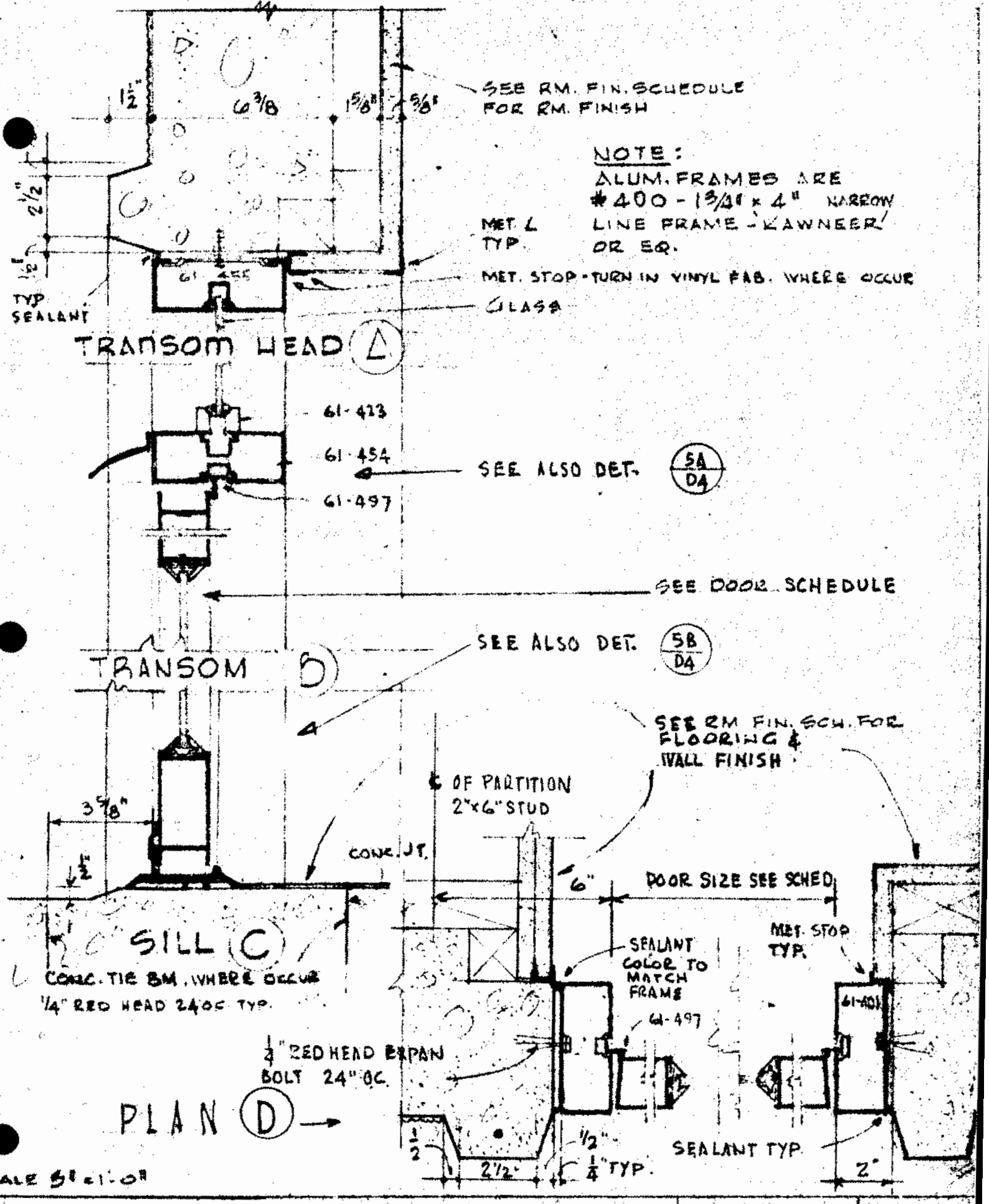
GROUP	DETAIL
D 3	5



FIXED FRAME TO PAINT BOOTH

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 3	6



ALUM. ENTRANCE DOOR DETAILS

BLDG 1800 B

D-4

1

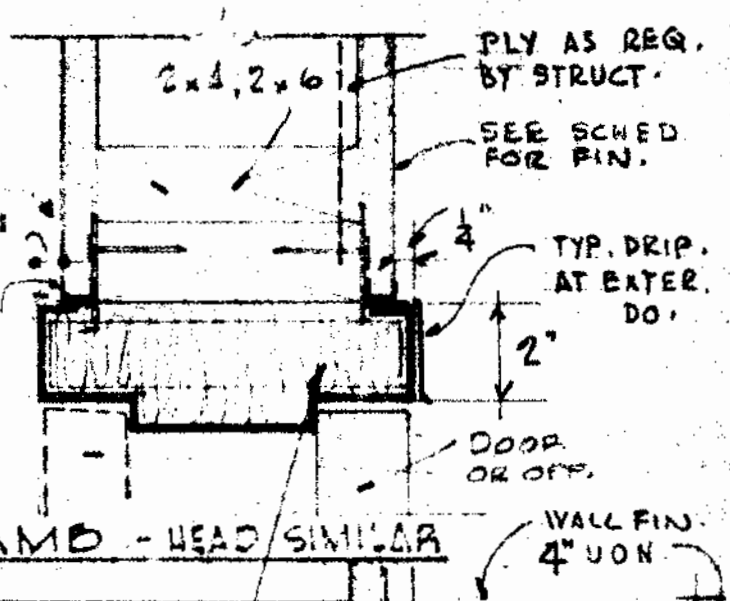
67-1R

NOTE
CONTRACTOR TO CHECK STRUCT., WALL FIN. & DOOR FRAME SHOP DRAWS TO MAINTAIN TYP. DIM

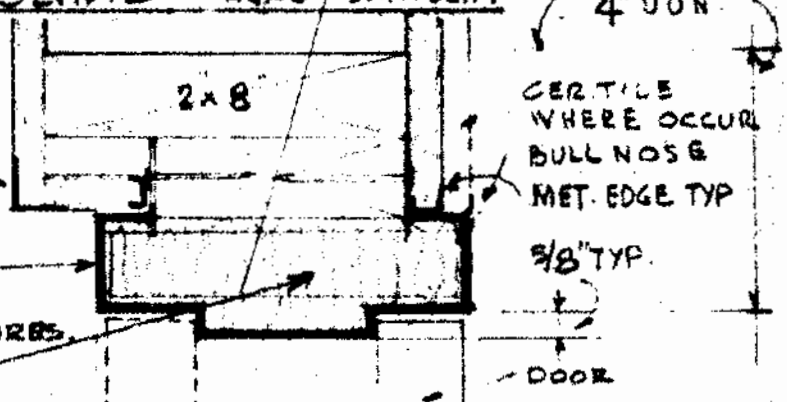
LINTEL @ HEAD SEE STRUCTURAL DRWGS. FOR SIZE

WHERE VINYL FAB. OCCURS TURN IN @ JOINT

TYPICAL ALL FRAMES - STUD ANCHORS - 3 ANCHORS @ EA JAMB - 1 ANCHOR @ HEAD & TYP FLOOR L
2 - 16d NAIL EA ANCHOR



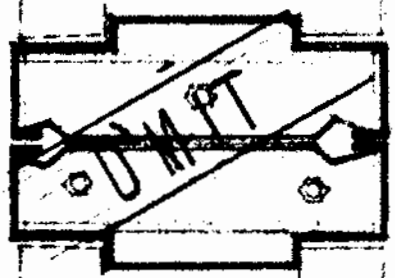
A JAMB - HEAD SIMILAR



TYP. DOOR FRAMES:
14 GA. STL. PROVIDE BACKING PL'S FOR HARDWARE & 3/16" x 8" STL. REINFG. PL @ DOOR CLOSURES & 3/16" x 12" x 4½" PL REINFG. ON THE DOOR FOR ALL CLOSURES.

NOTE: PACK TIGHT WITH INSULATION TYP.

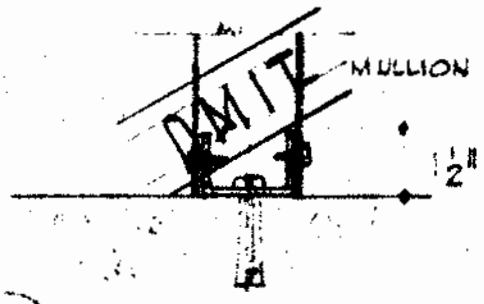
B THICK WALL CONDITION • JAMB HEAD SIMILAR



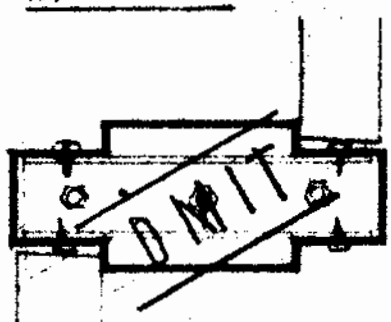
3 - 8" SPLINES EA. MULLION

12 GA. G.I. 'U' PLATE AT FL. & HEAD
4 F.H.M.S. MULLION TO PLATE
3 - 3/8" Φ EXPAN. BOLTS TO FL.
3 - 3/8" Φ LAG SCREWS TO HEAD

C MULLION



E MULLION - ANCHOR

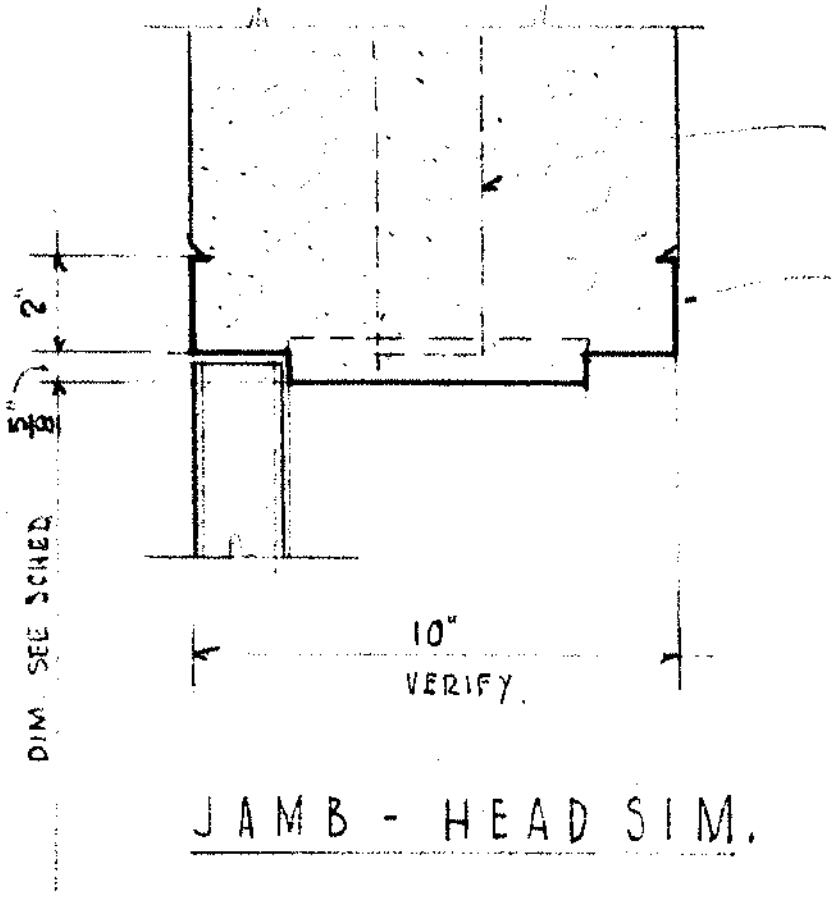


D IN - & - OUT MULLION

SCALE: 3" = 1'-0"

TYPICAL DOOR FRAME | D·4 | 3

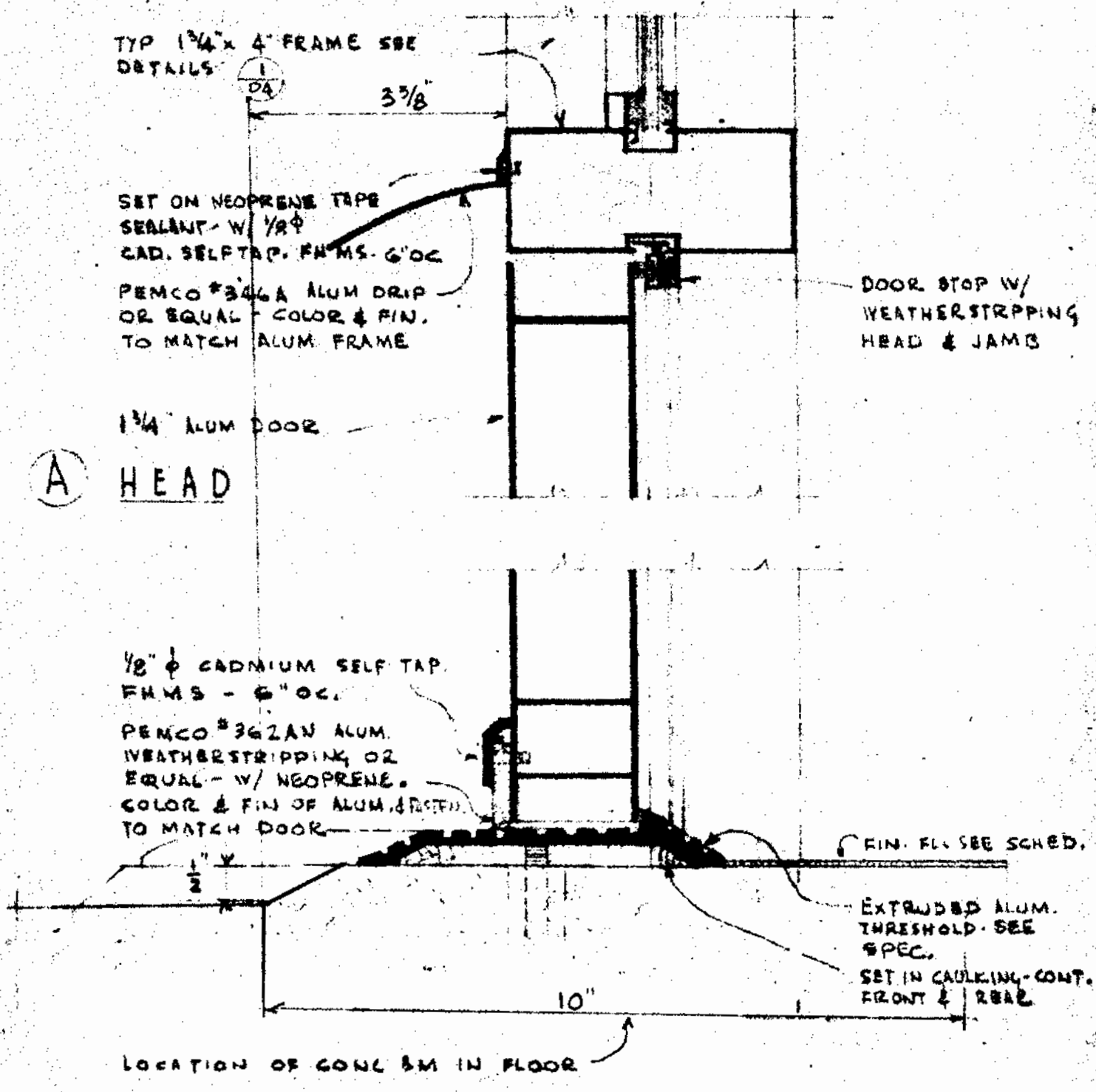
67-1P



JAMB - HEAD SIM.

SCALE 3" = 1'-0"

H.M. FRAME IN INTER. CONC. WALL	GROUP D4	DETAIL 4
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS		



A HEAD

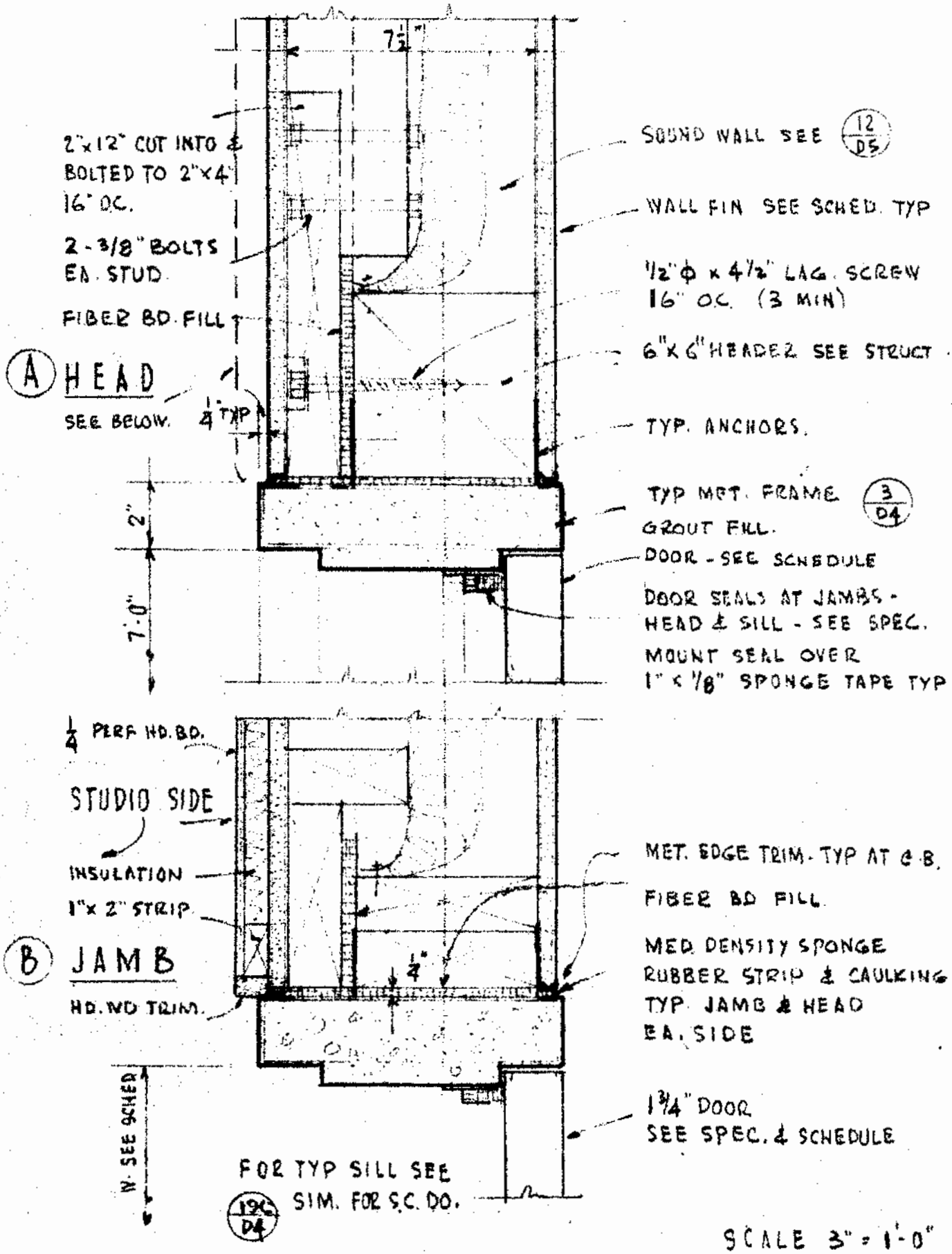
B SILL

SCALE - HALF SIZE

WEATHERSTRIPPING AT SILL W/ THRESHHOLD SHOWN ARE TYPICAL AT ALL ALUM. ENTRANCES TO BUILDING. SEE ALSO DOOR SCHEDULE.

67-1R

WEATHERSTRIPPING DETAIL	D4	5

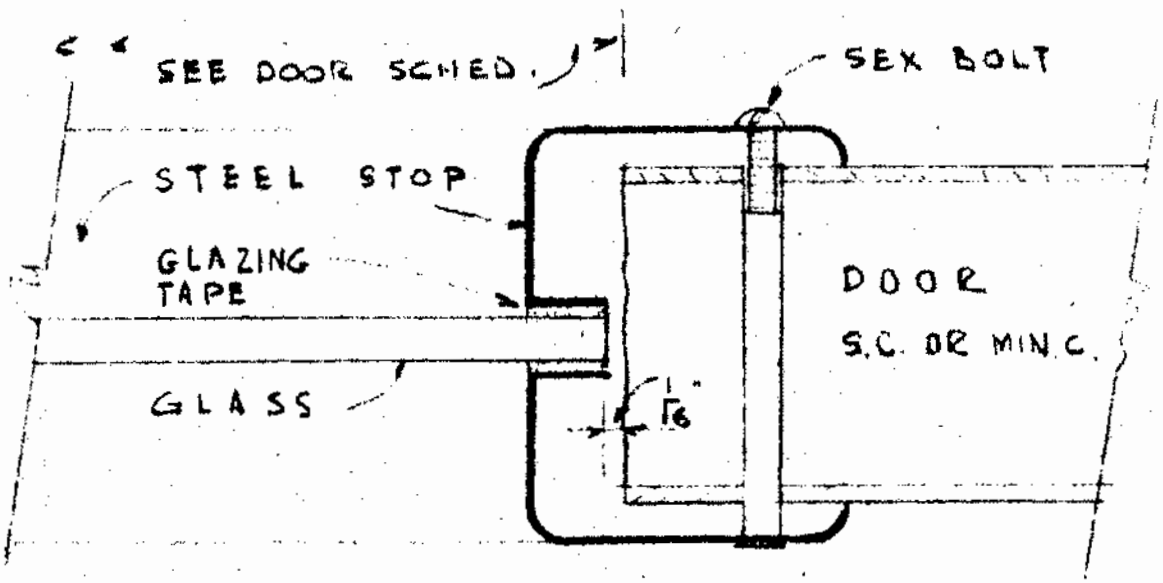


SCALE 3" = 1'-0"

DOOR 36B w/ SOUND SEALS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D4	6

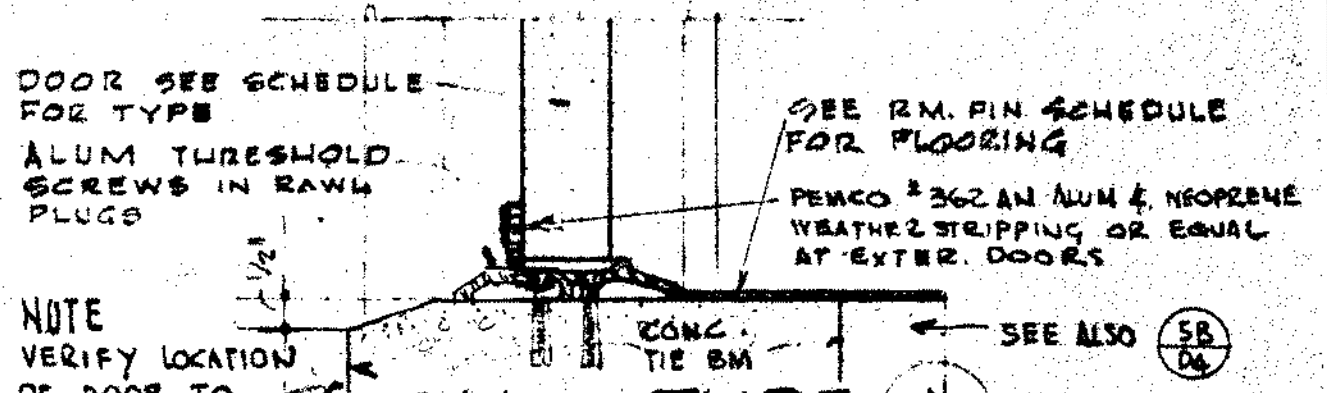


(B) TYP. WINDOW DETAIL AT DOORS

FULL SIZE

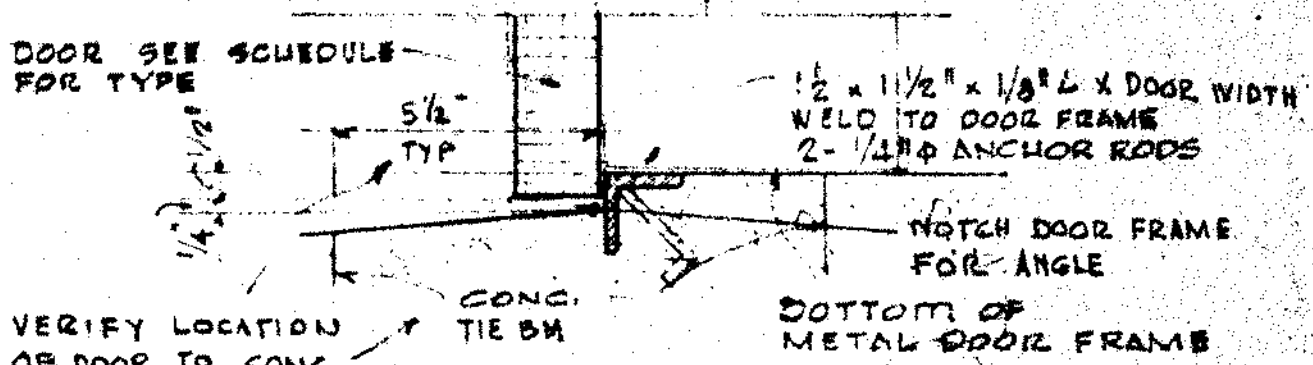
67-1-12

DOOR DETAIL, MISC.	D·4	7.42



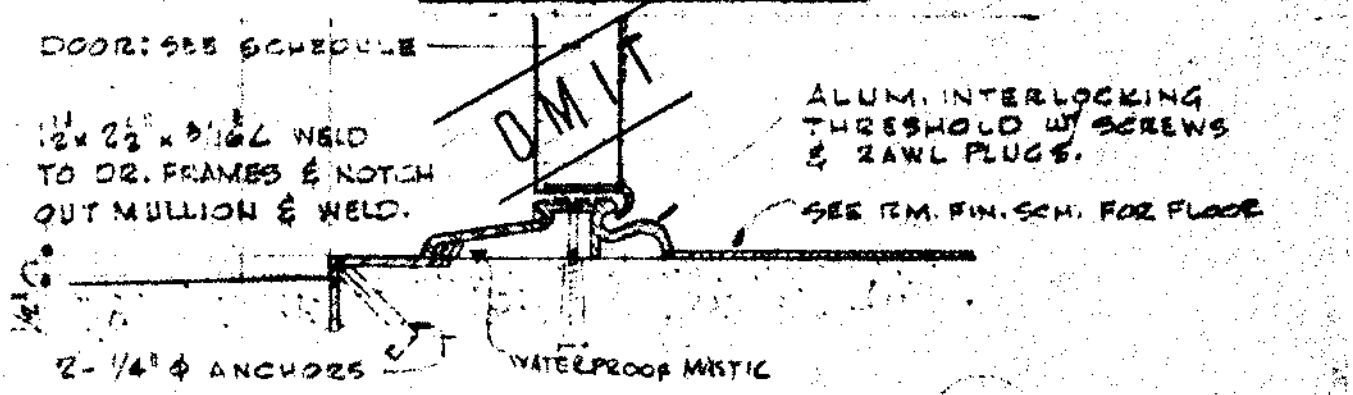
NOTE
VERIFY LOCATION OF DOOR TO CONC. TIE BM

SILL TYPE A

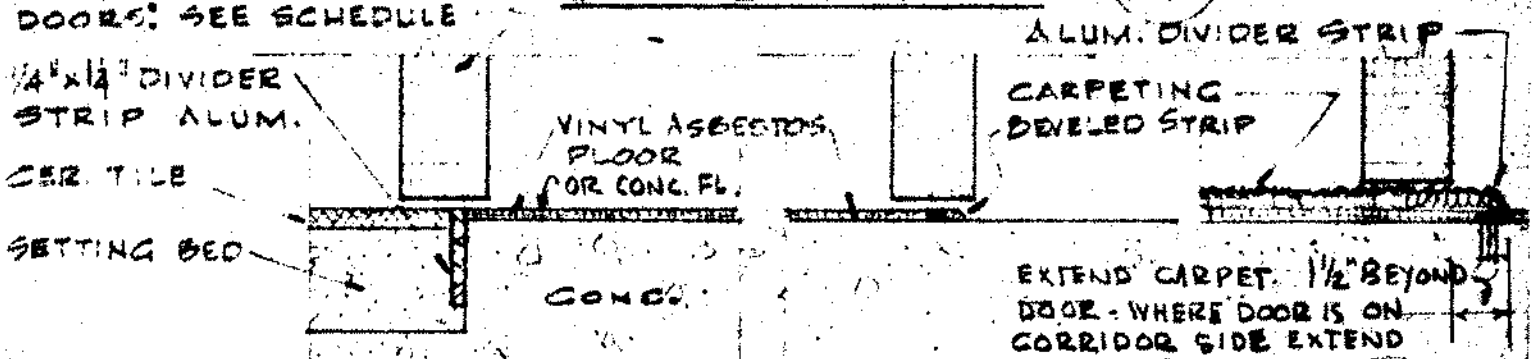


VERIFY LOCATION OF DOOR TO CONC. TIE BM.

SILL TYPE B



SILL TYPE C



SILLS TYPE D

E

F

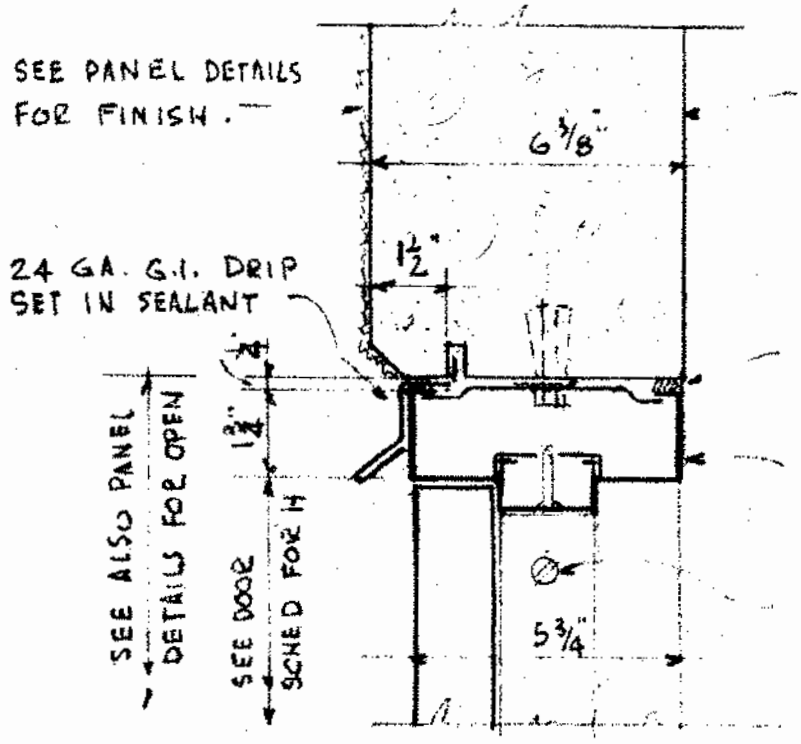
TYP. DOOR SILLS

D-4

8

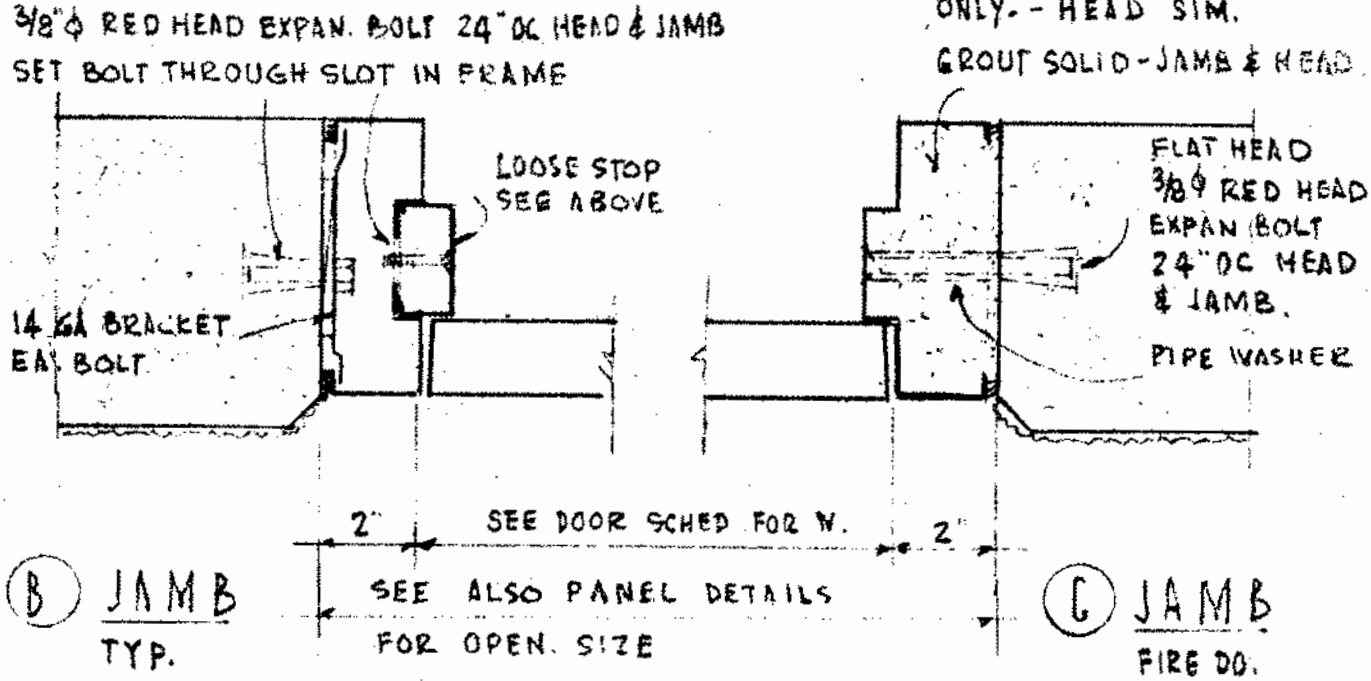
67-12

48



(A) HEAD TYP

NOTE: JAMB AT FIRE RATED DOOR ONLY. - HEAD SIM.



(B) JAMB TYP.

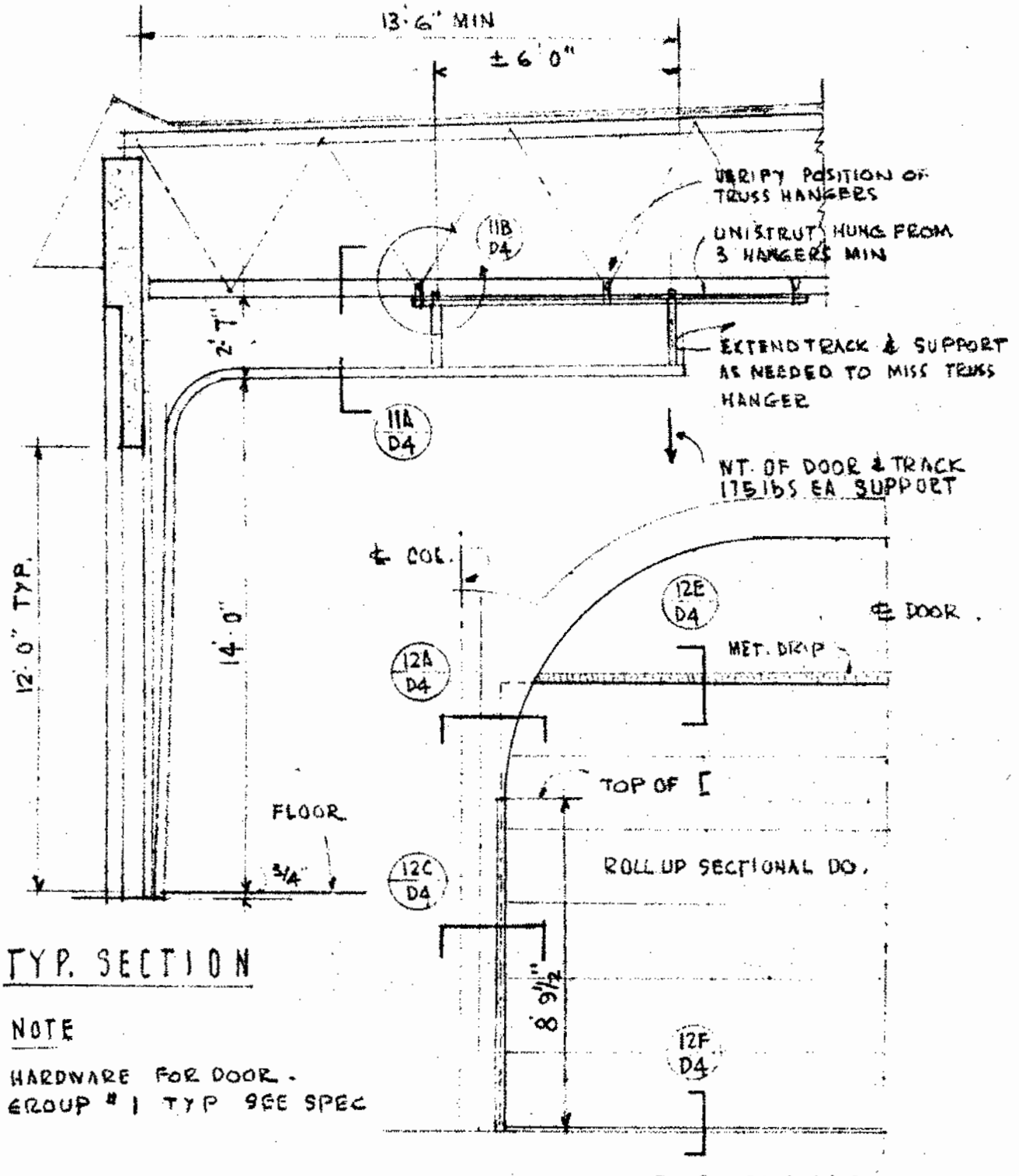
(C) JAMB FIRE DO.

SCALE 3" = 1'-0"

H.M. FRAME IN EXTER CONC WALL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS BLDG 1800 A

GROUP	DETAIL
D 4	9



TYP. SECTION

TYP. ELEVATIONS

NOTE

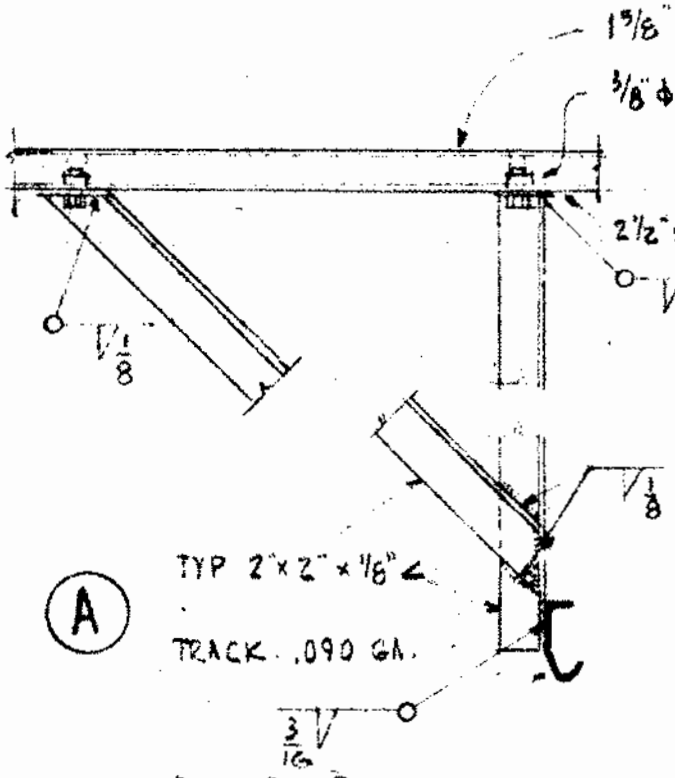
HARDWARE FOR DOOR - GROUP # 1 TYP SEE SPEC

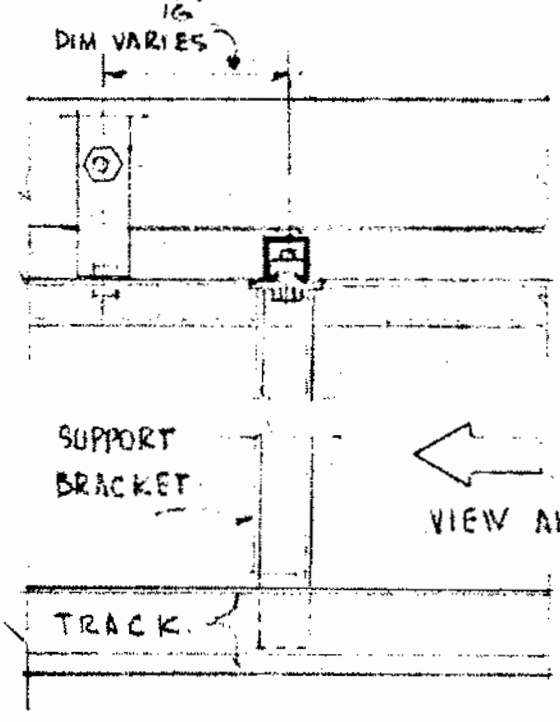
SCALE 1/4" = 1'-0"

ROLL-UP SECTIONAL DOOR

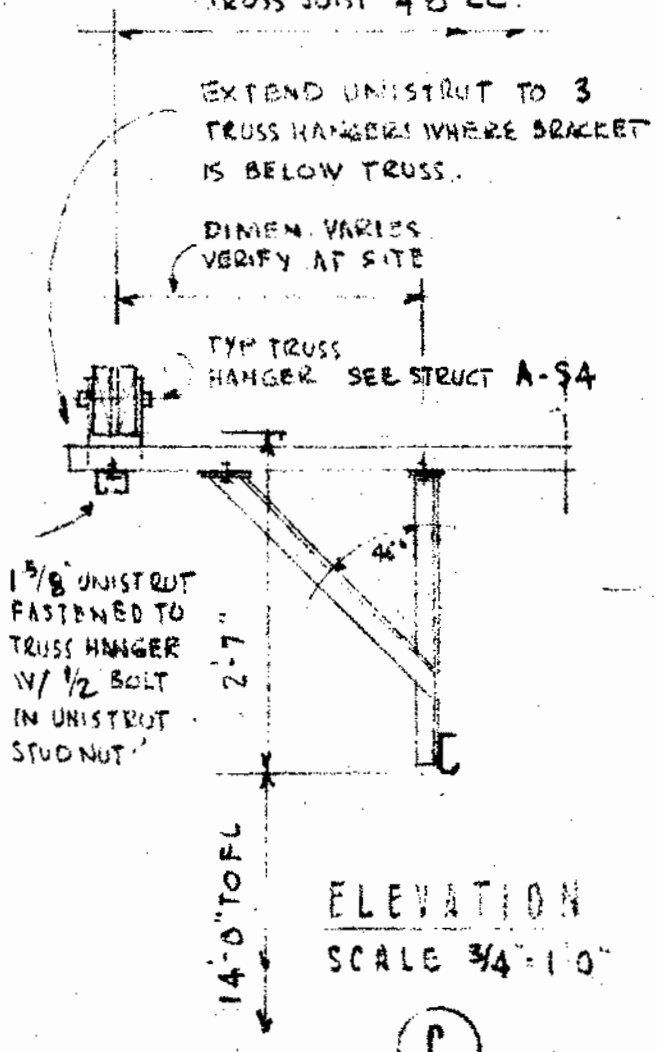
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D4	10





DETAILS SCALE 1 1/2" = 1'0"



ELEVATION SCALE 3/4" = 1'0"

VERIFY SUPPORT TYPE & & ARRANGEMENT AT SITE

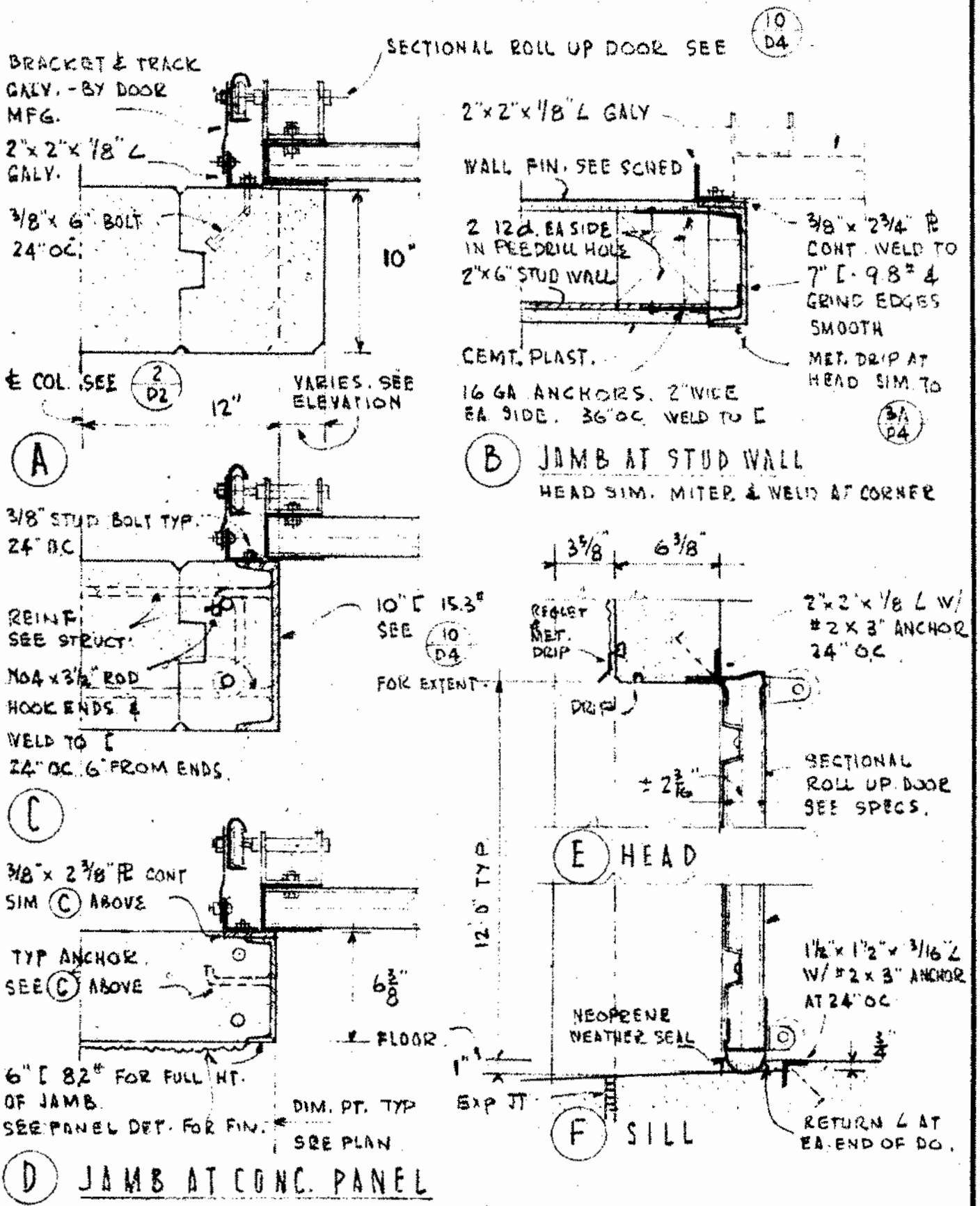
BRACKETS TO BE GALV. AFTER ASSEMBLY.

ROLL-UP SECTIONAL DOOR- DETAILS

GROUP D4

DETAIL 11

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

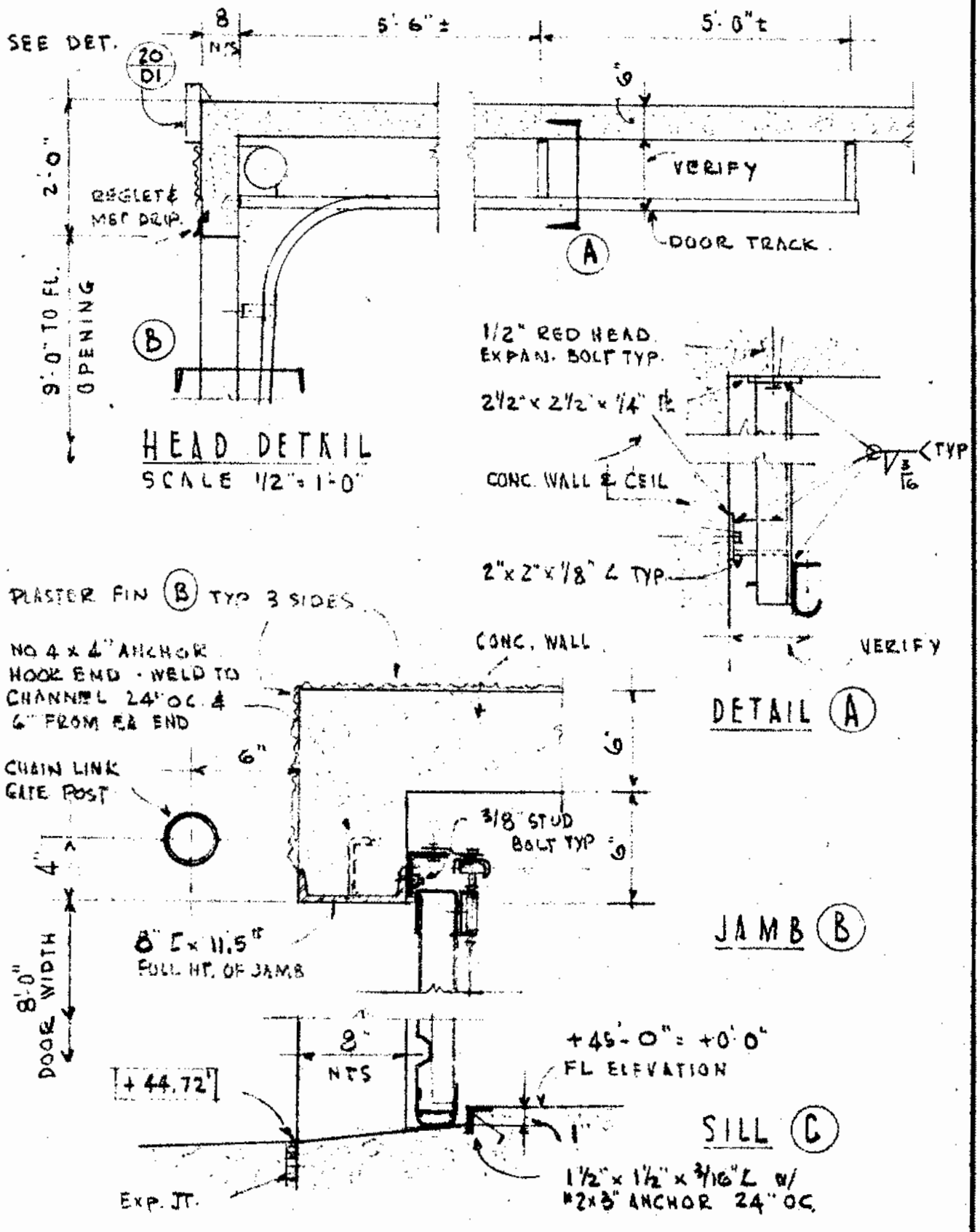


SCALE 1 1/2" = 1'-0"

ROLL UP SECTIONAL DOOR - DETAILS

GROUP	DETAIL
D4	12

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



NOTE

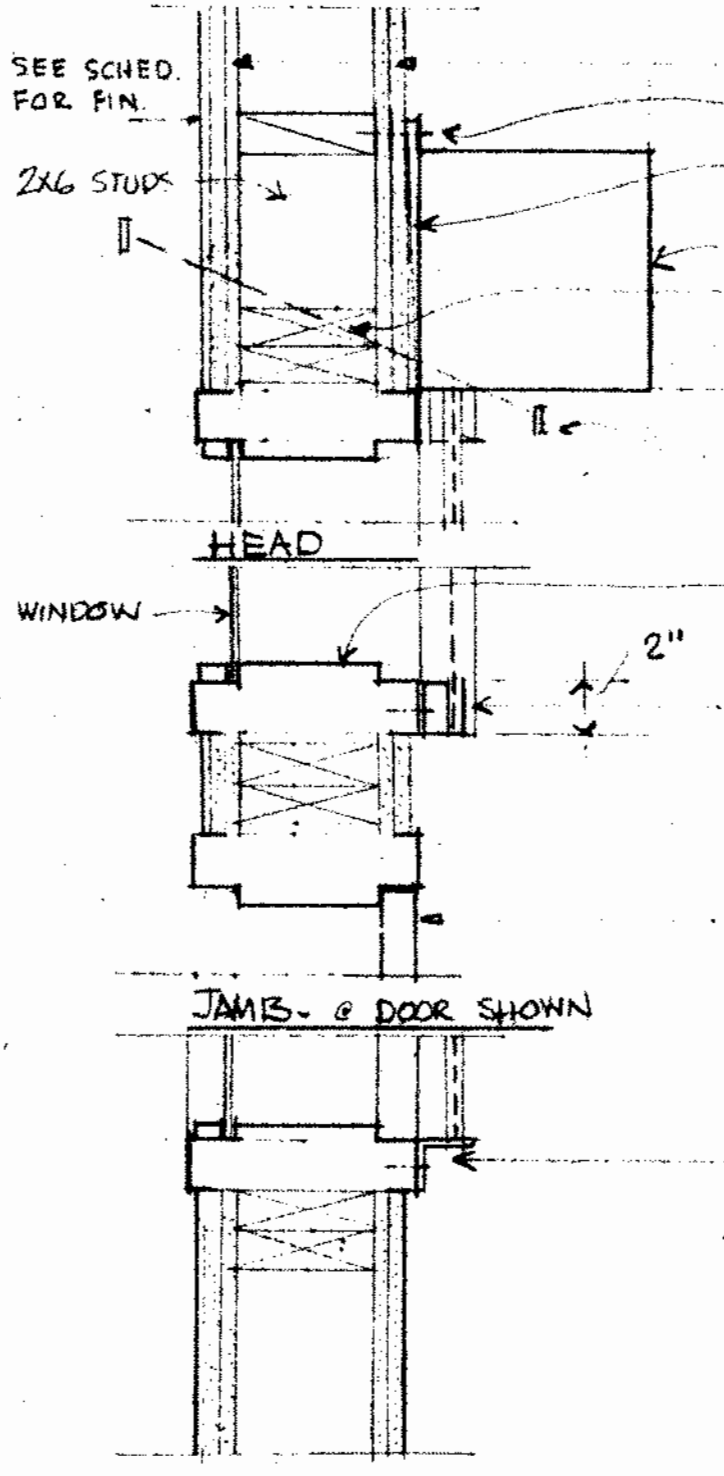
HARDWARE FOR DOOR - GROUP #1 SEE SPECS.

SCALE DETAILS 1½"=1'-0"

TEST CELL - ROLL UP DOOR

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 4	1.3



ROLL-DN-DOOR TO BE 1½ HOUR RATED

SEE ALSO 6/03 FOR ROLL DN. FIRE DO. IN CONC. WALL.

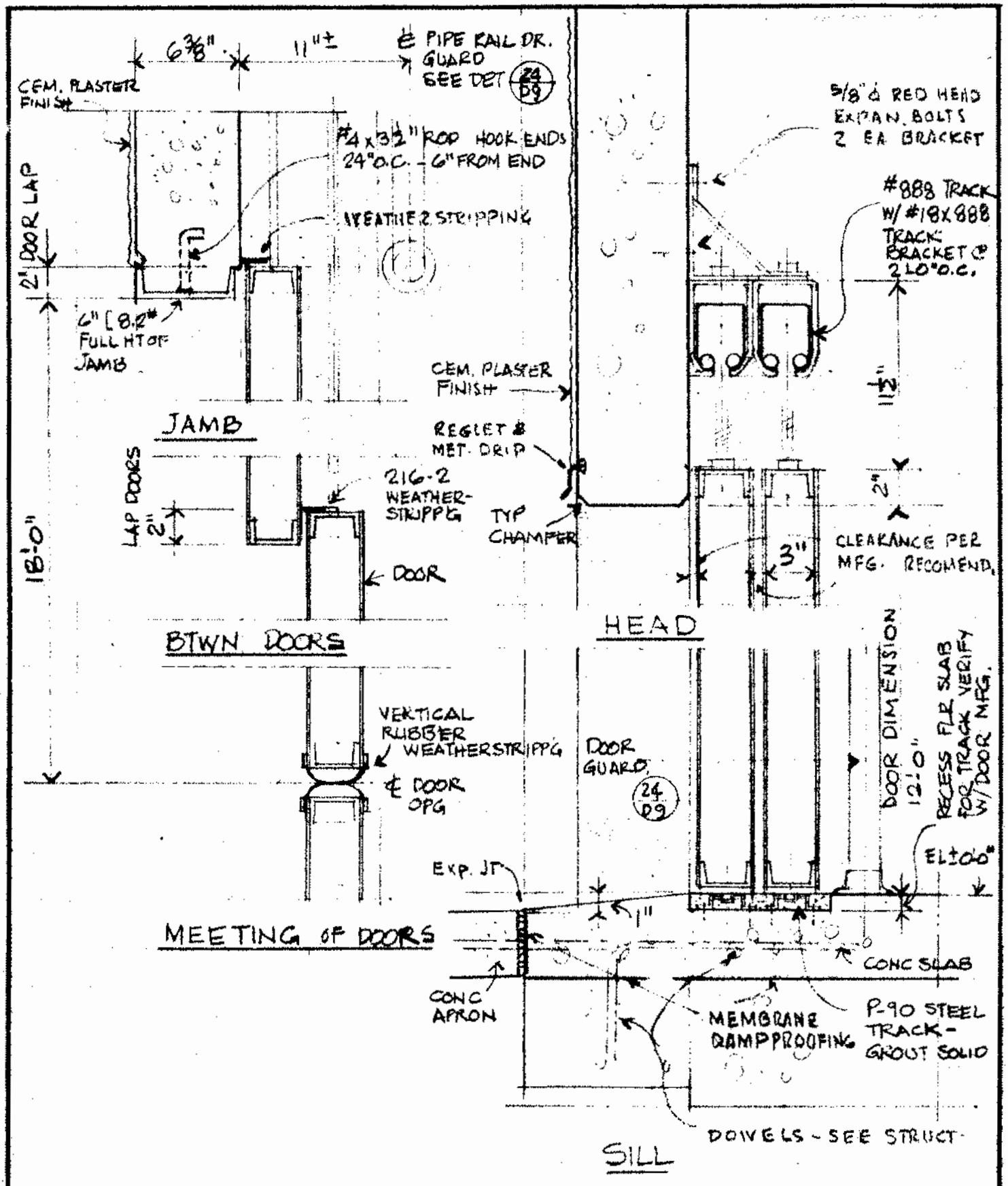
SC. 1½"=1'-0"

67-1-R

ROLL-DN-FIRE DOOR

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 4	1 4



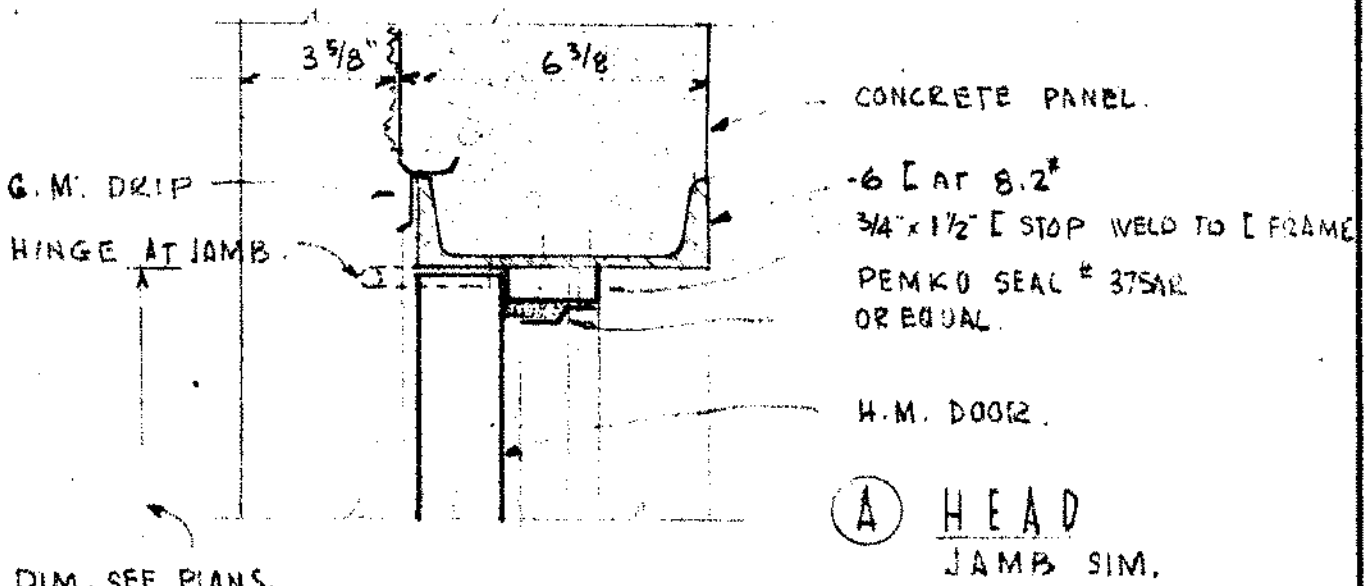
SC. 1½" = 1'0"
67-1-R

SLIDING DOOR DETAIL

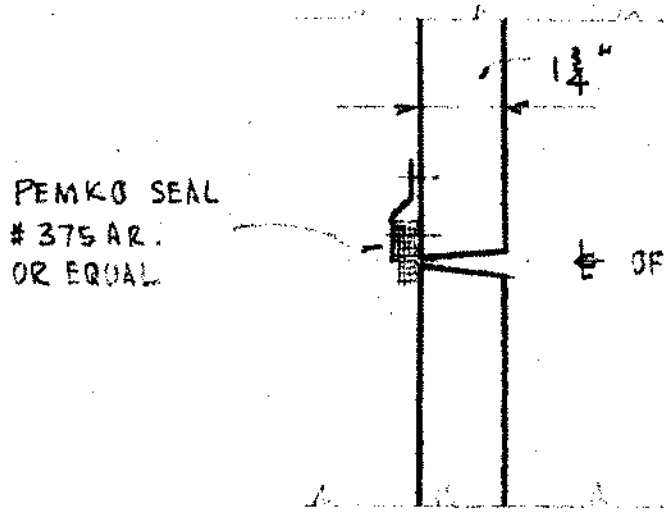
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 4	15

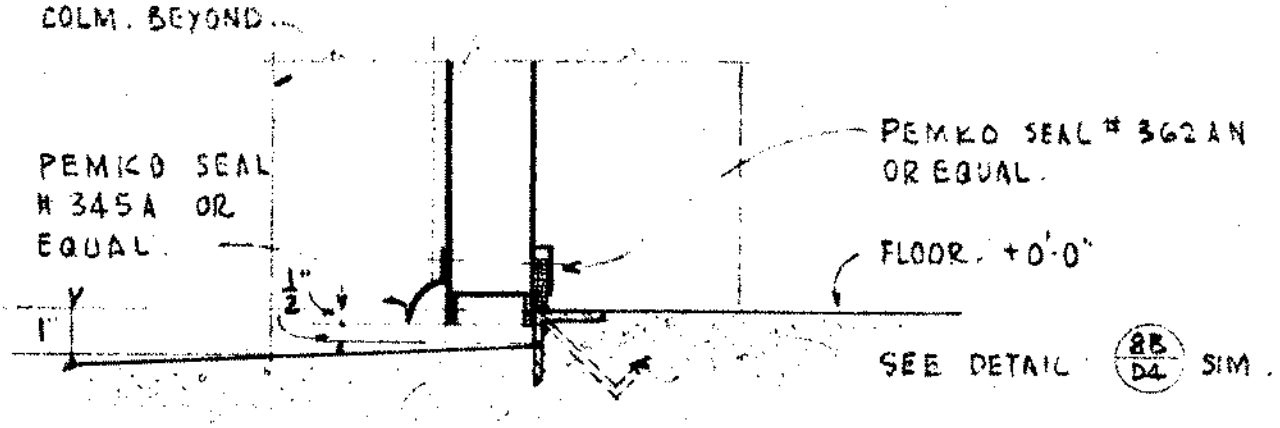
JOB 67-1R PAGE 55



(A) HEAD
JAMB SIM.



(B)



(C) SILL

NOTE
HARDWARE FOR DOOR - GROUP #34 - SEE SPEC.

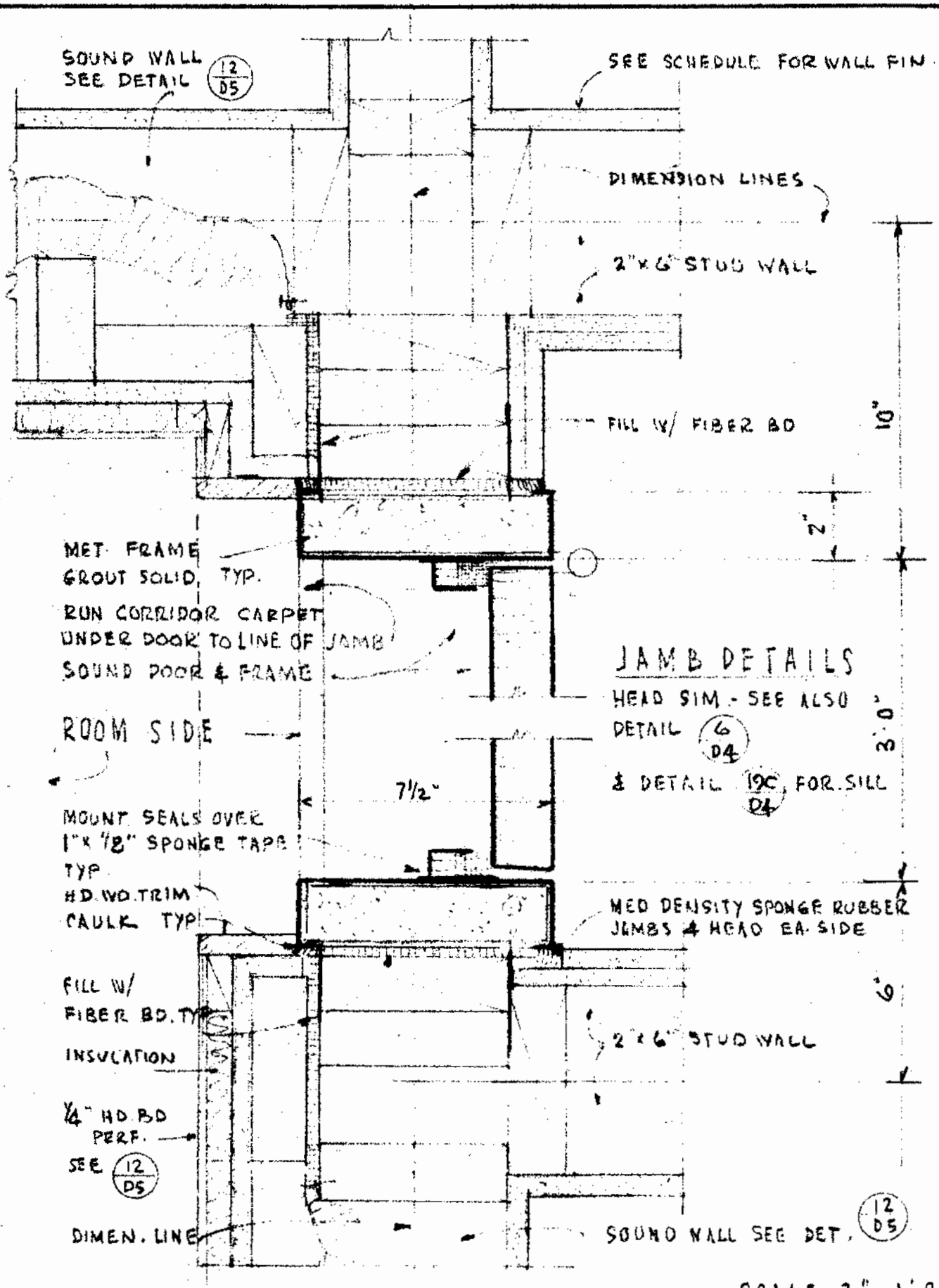
SCALE 3" = 1'-0"

EXTER. DOOR TO PAINT BOOTH 1818A

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D4	16

JOB 67-1R PAGE 56



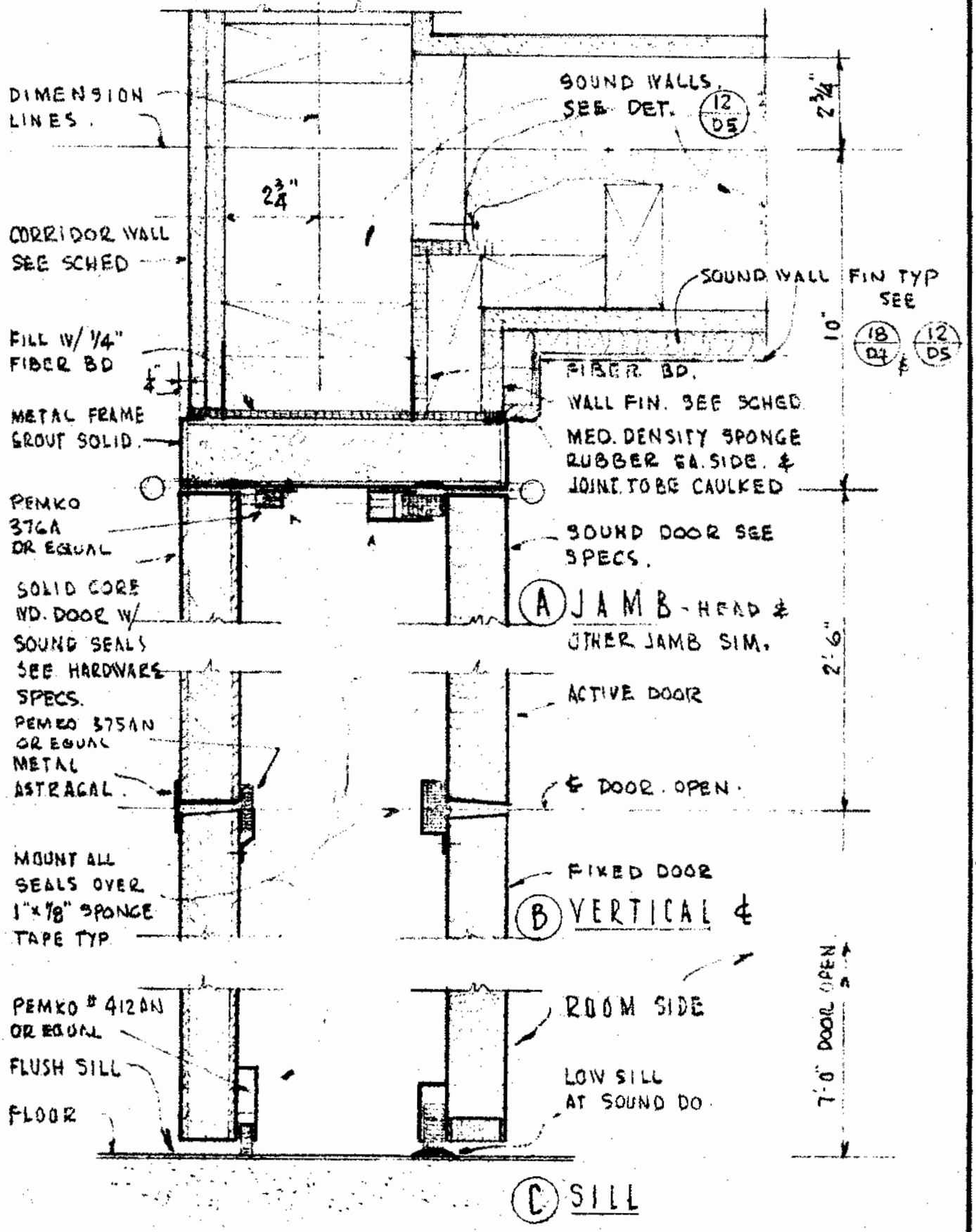
SCALE 3" = 1'0"

SOUND DOOR - DOOR JOB

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D4	18

JOB 67-1R PAGE 57



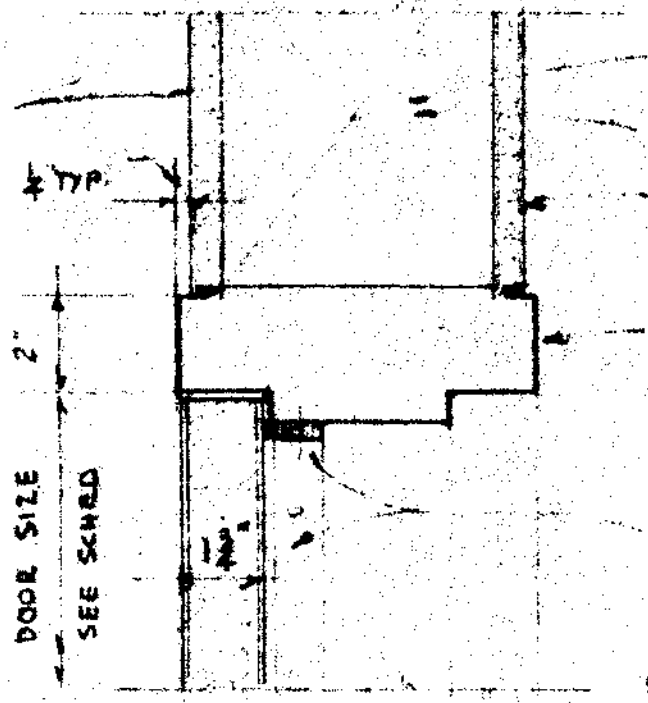
SCALE 3"= 1'-0"

SOUND DOOR ◦ DOORS 42B a & b

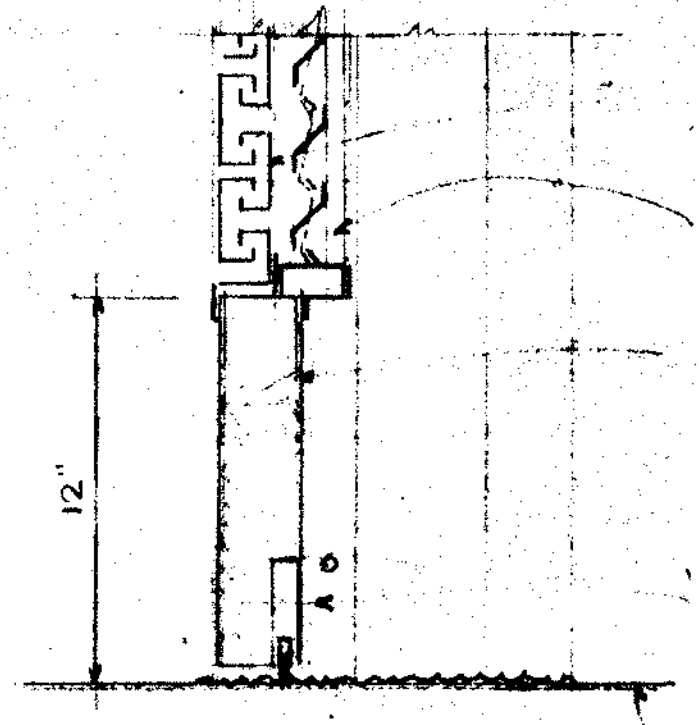
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D4	19

JOB 67-12 PAGE 58



(A) HEAD JAMB & SIM



(B) SILL

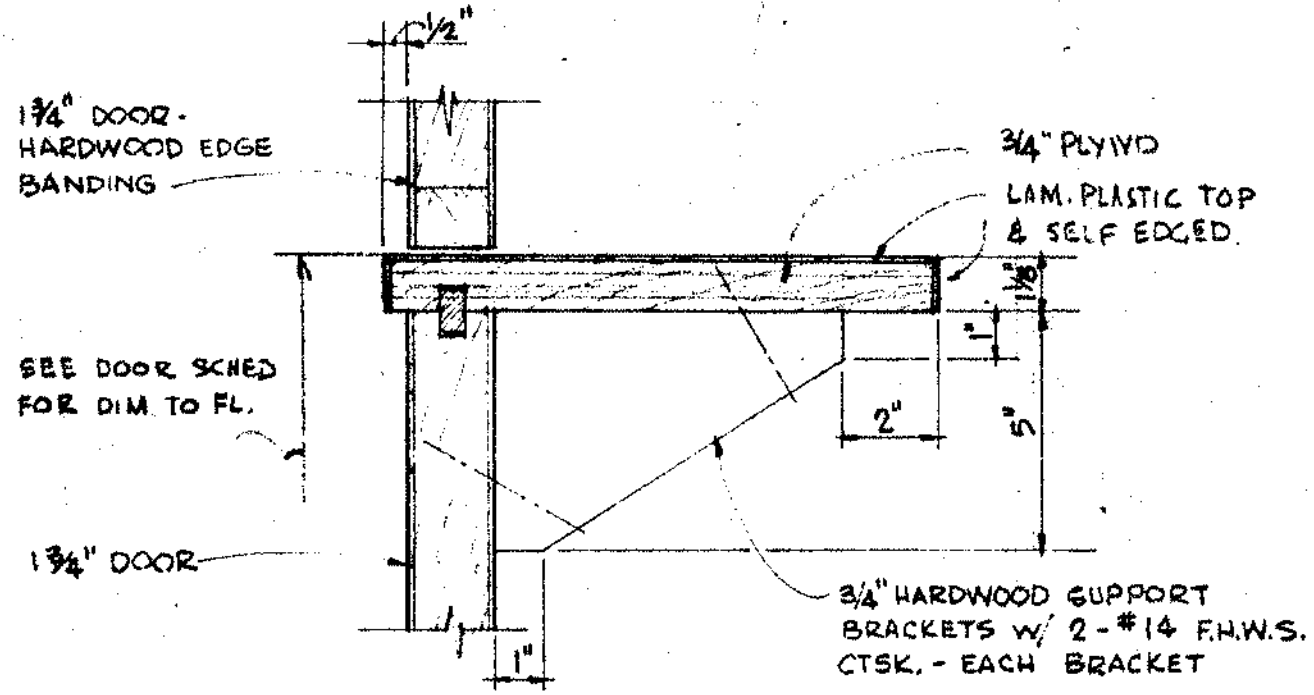
67-1-12

SCALE 3" = 1'0"

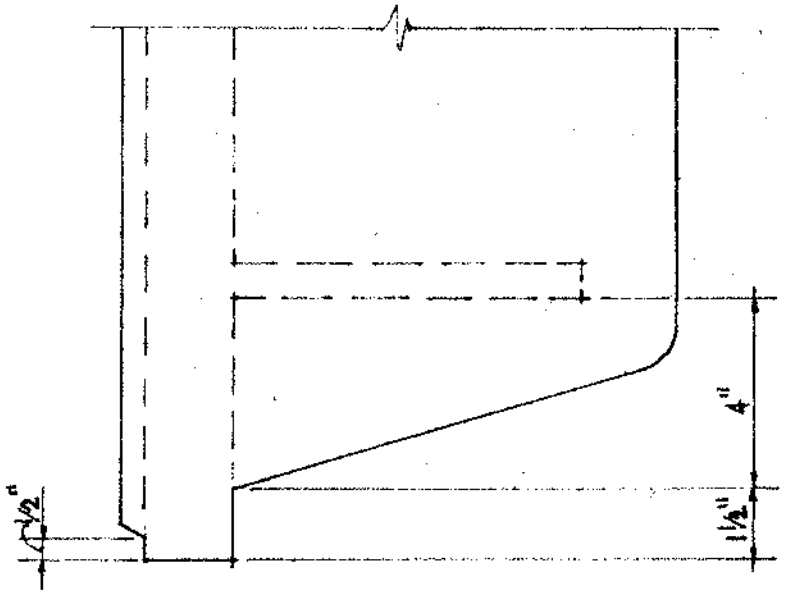
LIGHT PROOF DOOR

D4

20



Ⓐ SECTION



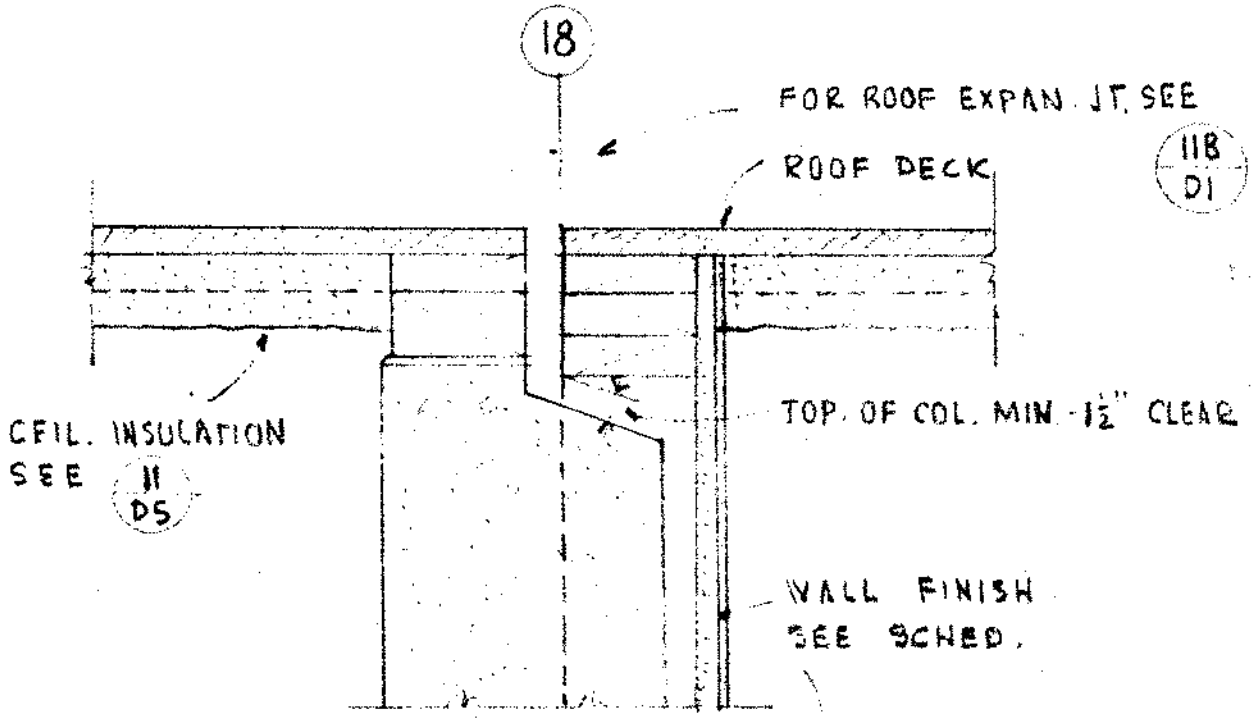
Ⓑ PLAN

SCALE: 3" = 1'-0" G7-1-R

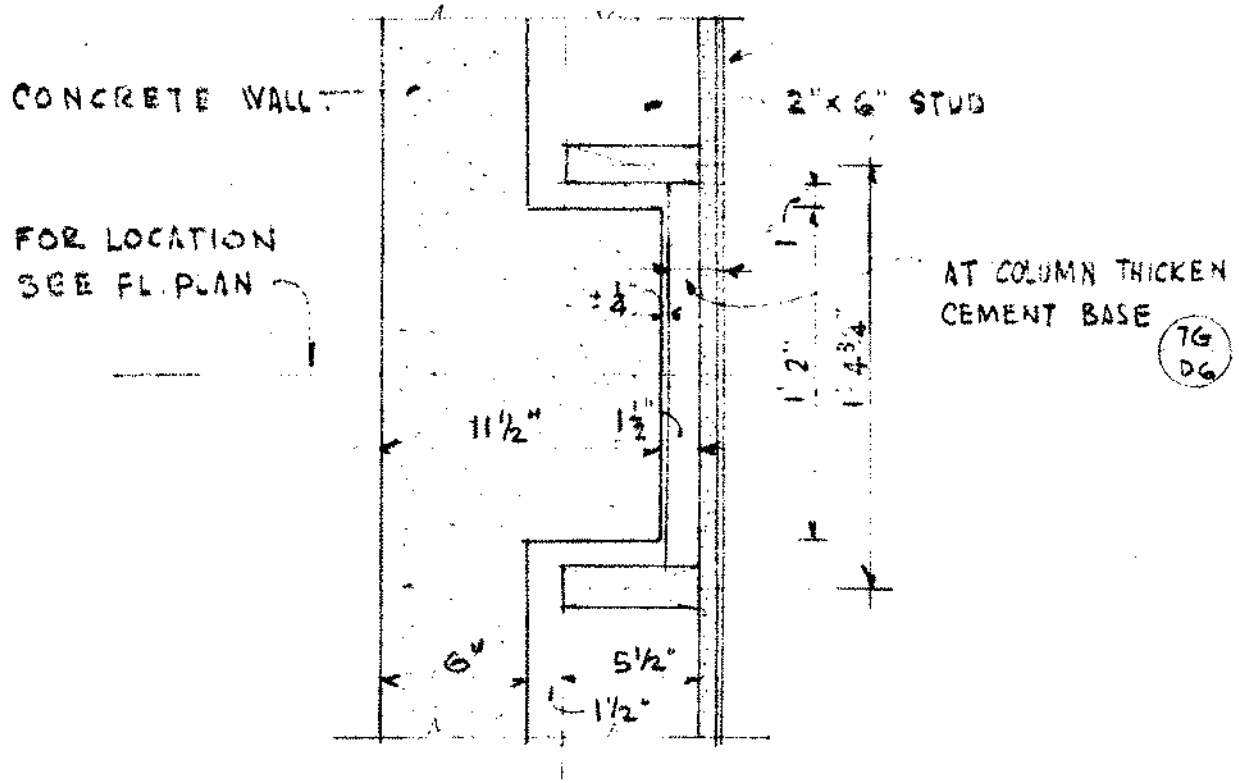
DUTCH DOOR SHELF

D 4

21
60



(A) SECTION OF COL.



(B) COL. PLAN

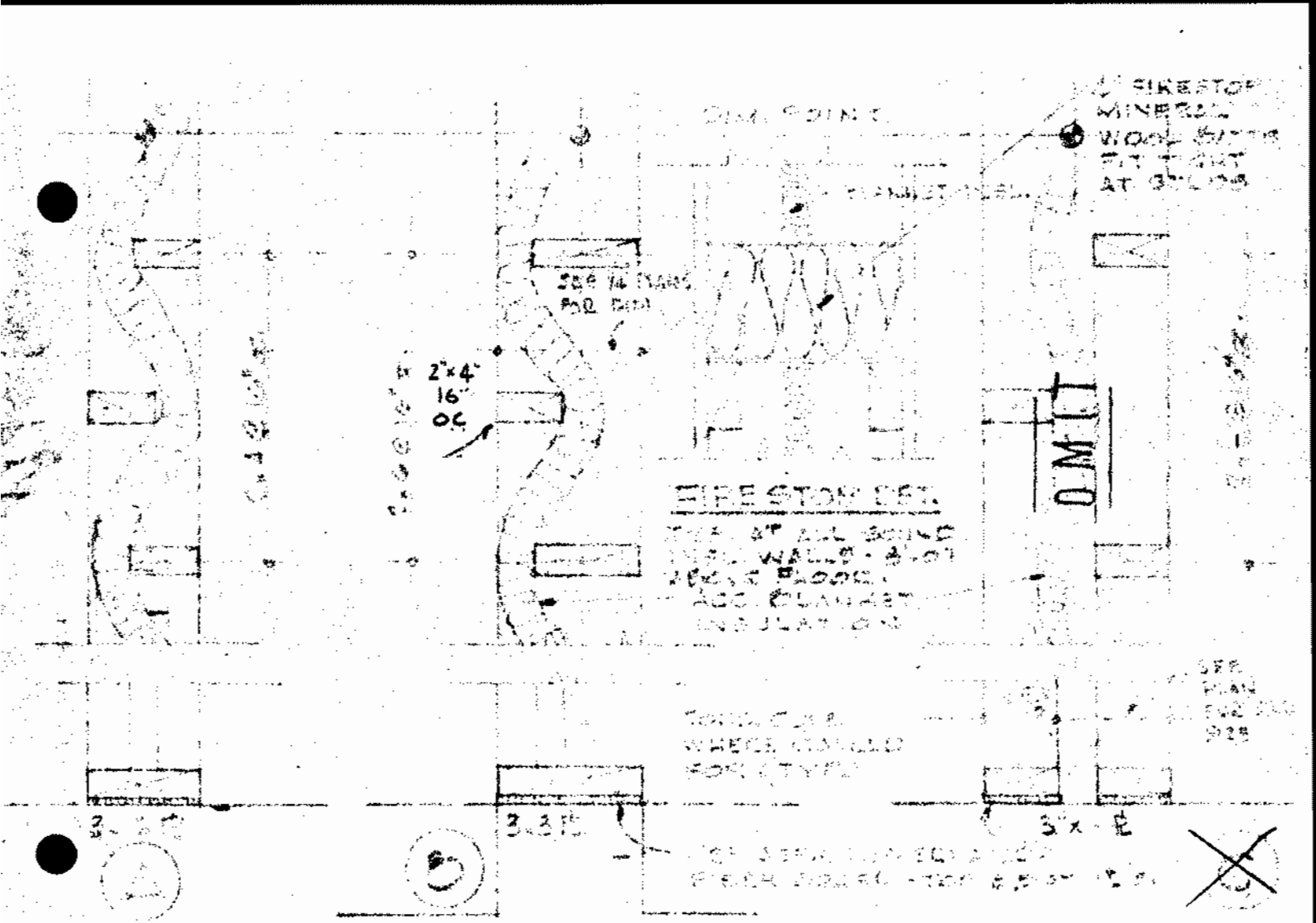
WALL FRAMING AT BLDG 'A' EXPAN. JT. LINE

SCALE 1½" = 1'-0"

CONCRETE COLUMN DETAIL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	1



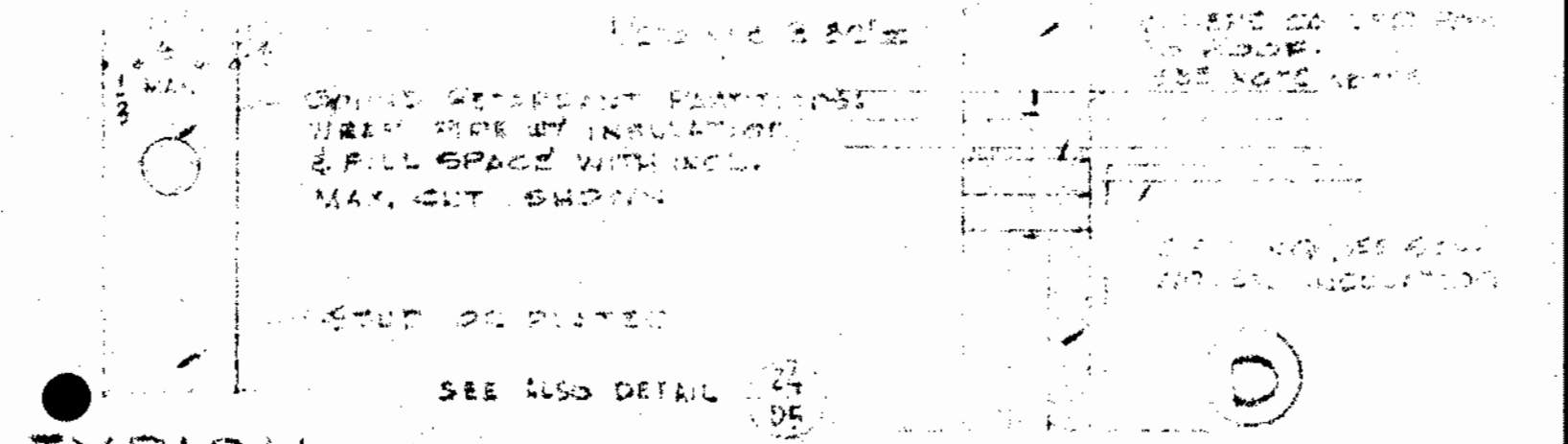
SECTIONS

NOTE

PROVIDE FIRE STOPS AT 8'-0" O.C.

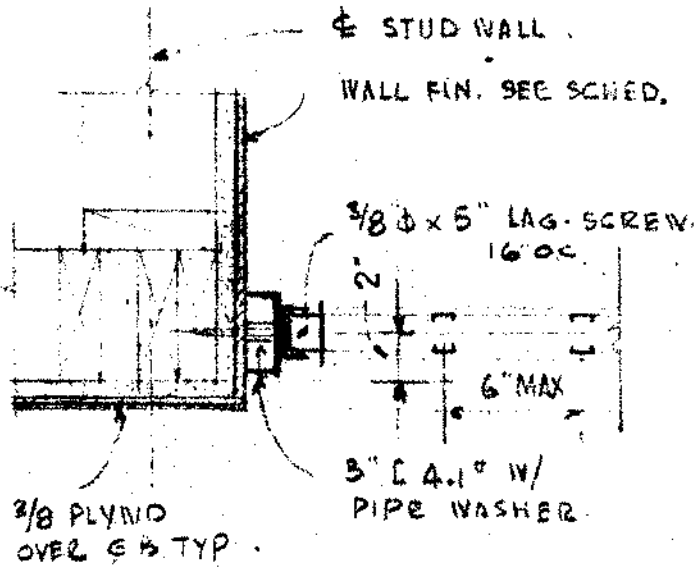
SEE PLANS FOR SIZE & TYPE OF STUD WALLS

MAX. HEIGHT OF UNSUPPORTED STUDS - 2"x4" 16" O.C. 2"x6" - 20'-0"

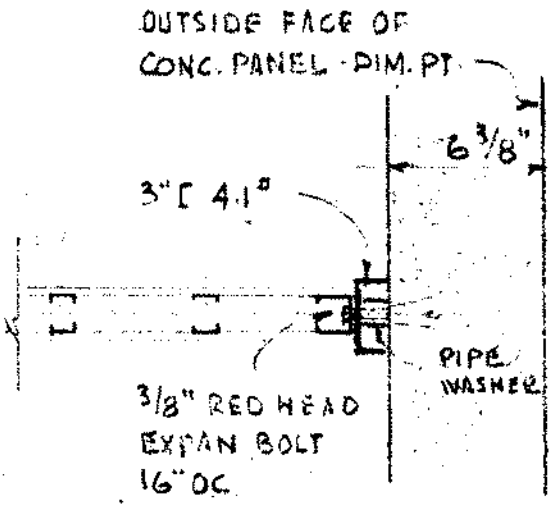


TYPICAL HEAD

SOUND RETARDANT WALLS | D 5 | 67-1R 2 62

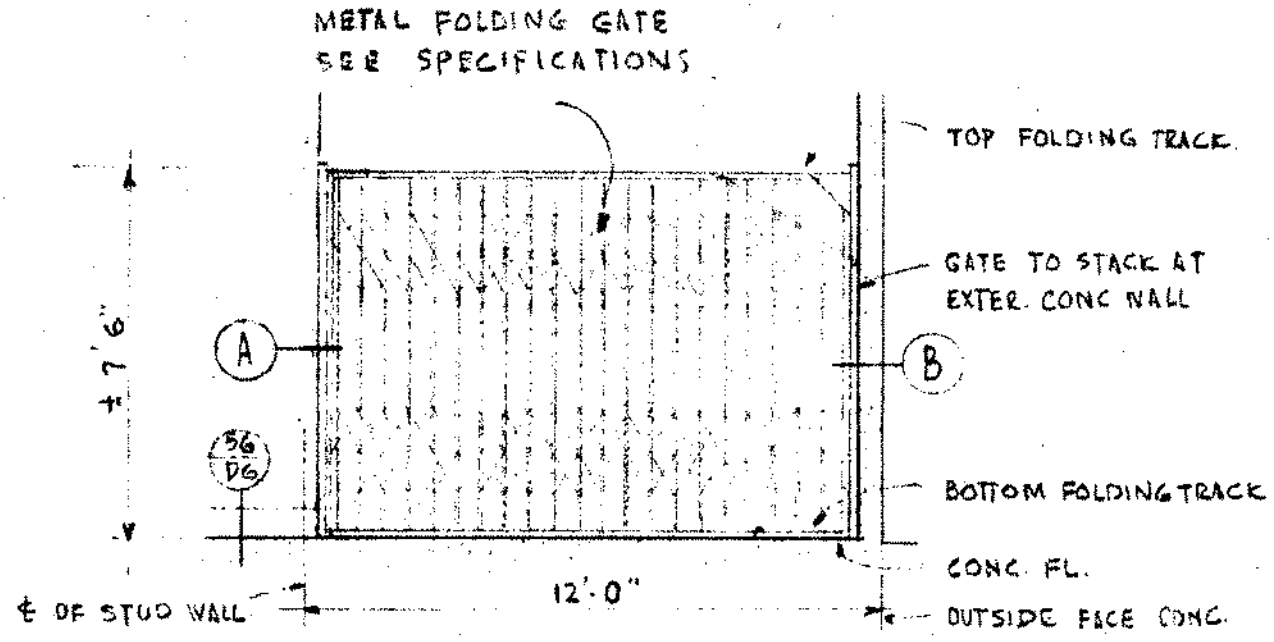


JAMB 'A'



JAMB 'B'

SCALE 1 1/2" = 1'-0"

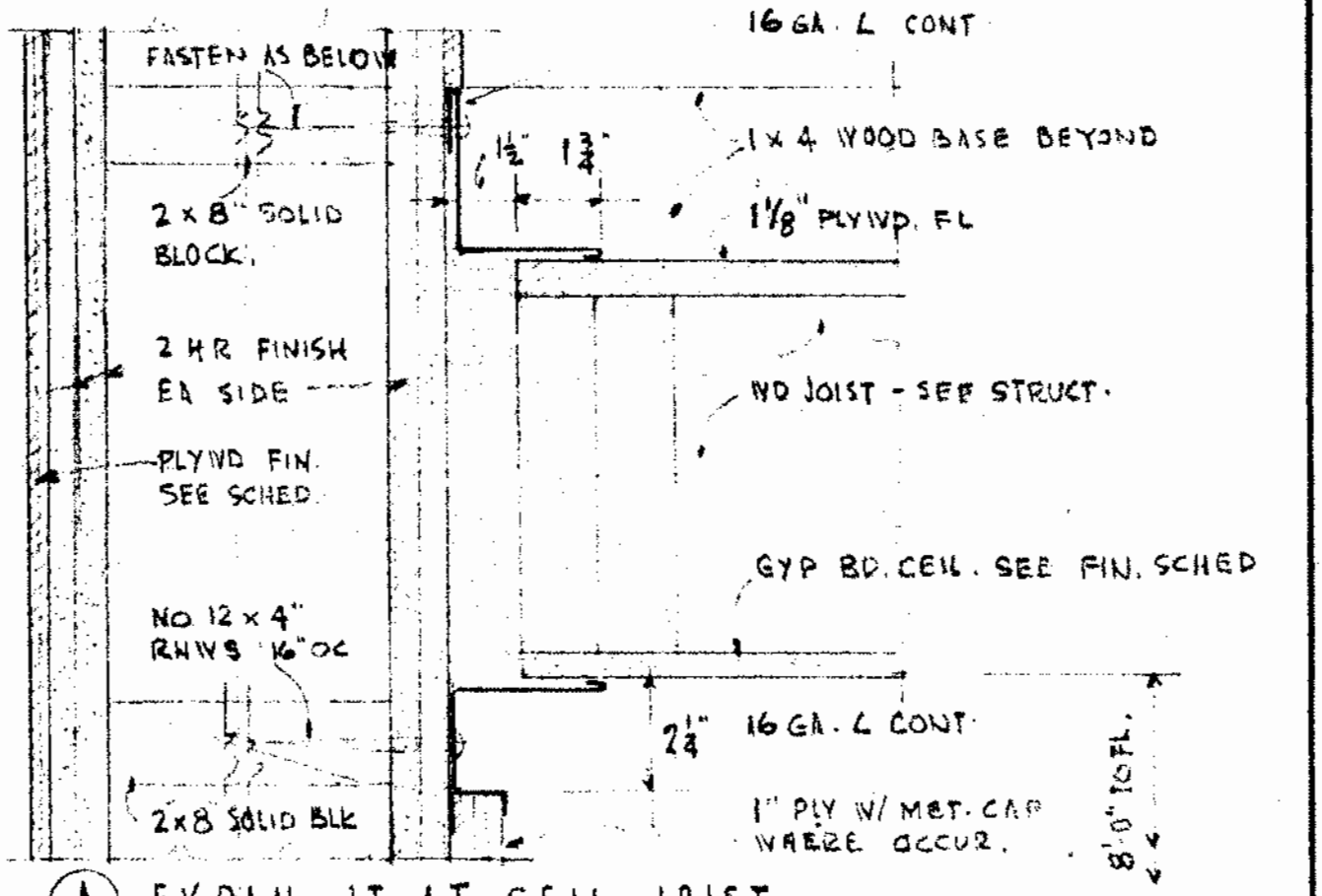


ELEVATION SCALE 1/4" = 1'-0"

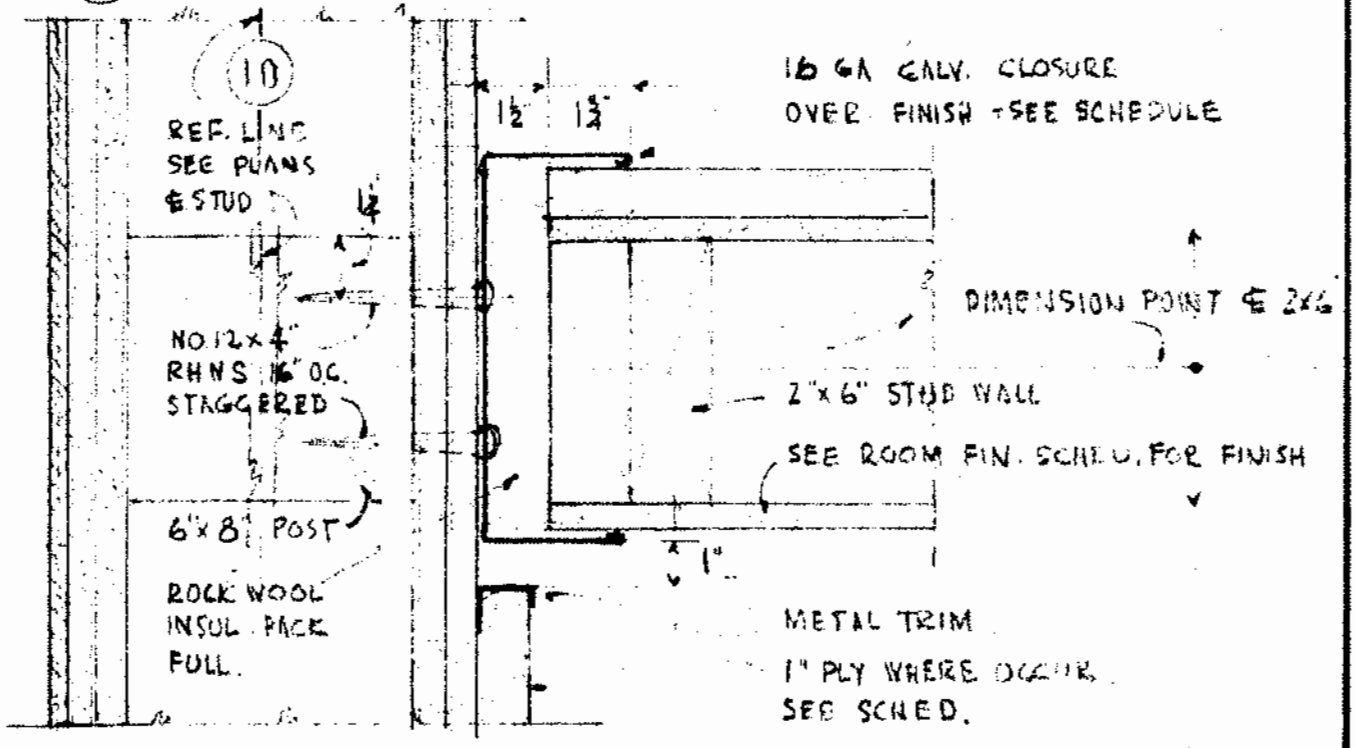
FOLDING GATE DETAIL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	3



(A) EXPAN. JT AT CEIL JOIST



(B) EXPAN. JT AT WALL

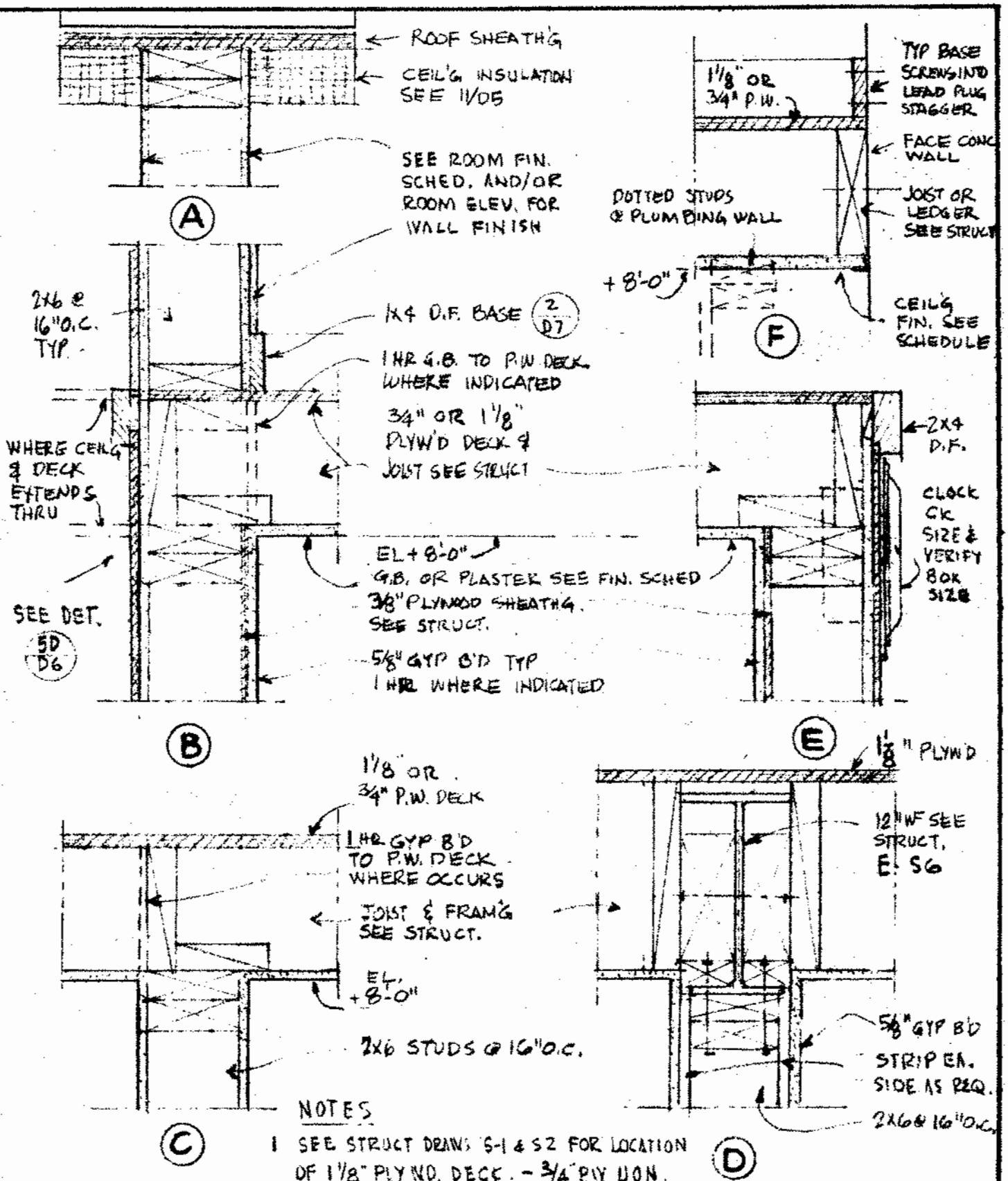
SCALE 3" = 1'-0"

INTERIOR WALL EXPANSION JOINTS

GROUP D 5

DETAIL 4

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



NOTES

1 SEE STRUCT DRAWS S-1 & S2 FOR LOCATION OF 1 1/8" PLY'ND. DECK. - 3/4" PLY U.O.N. 1 1/8" PLY DECK OVER AREAS W/ 1 HR. WALLS TYP.

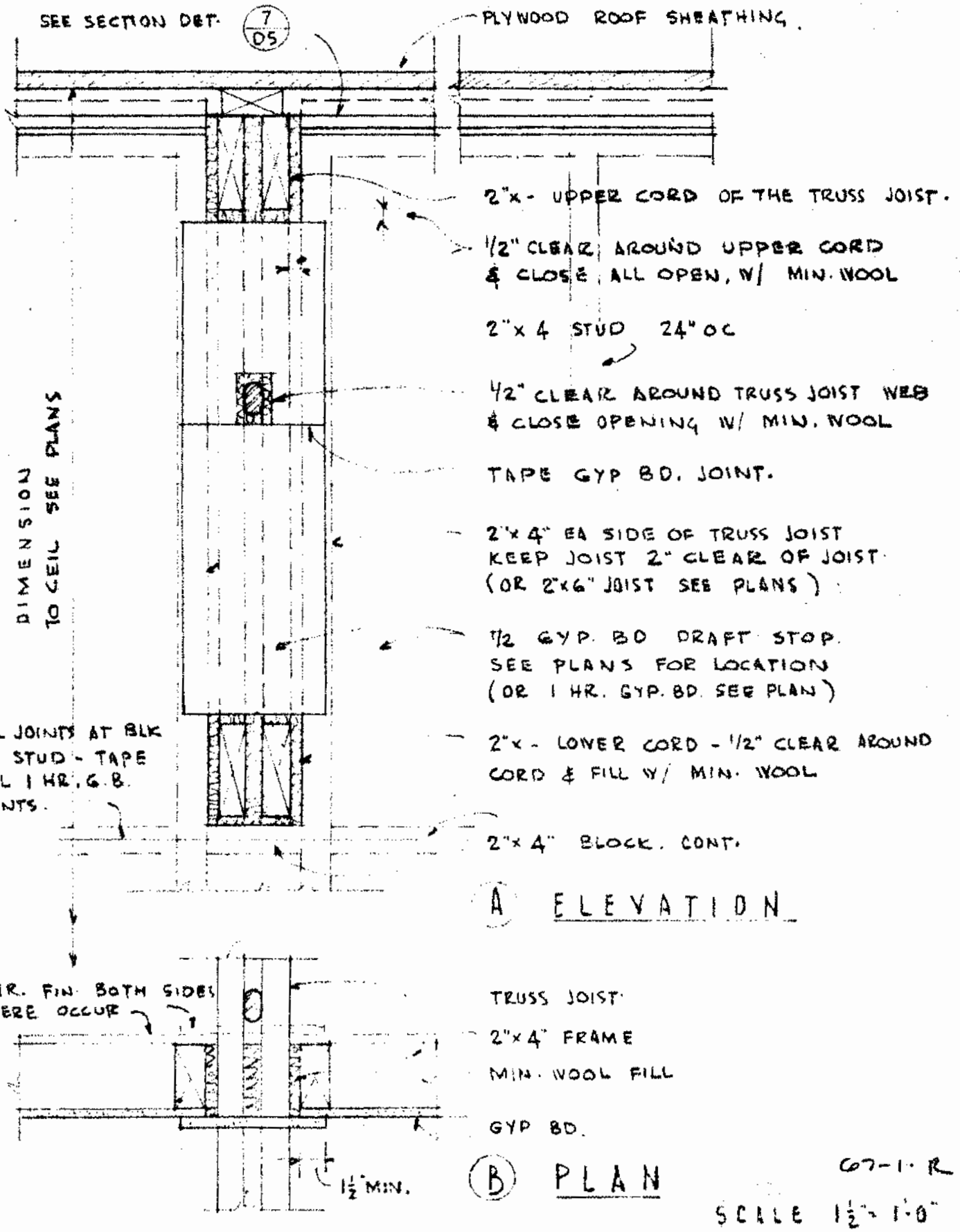
2 DIRECTION OF JOIST SEE STRUCTURAL DWGS. & SPECIFIC FRAMING DETAILS

SCALE 1 1/2" = 1'-0"

LOFT SPACE DETAILS

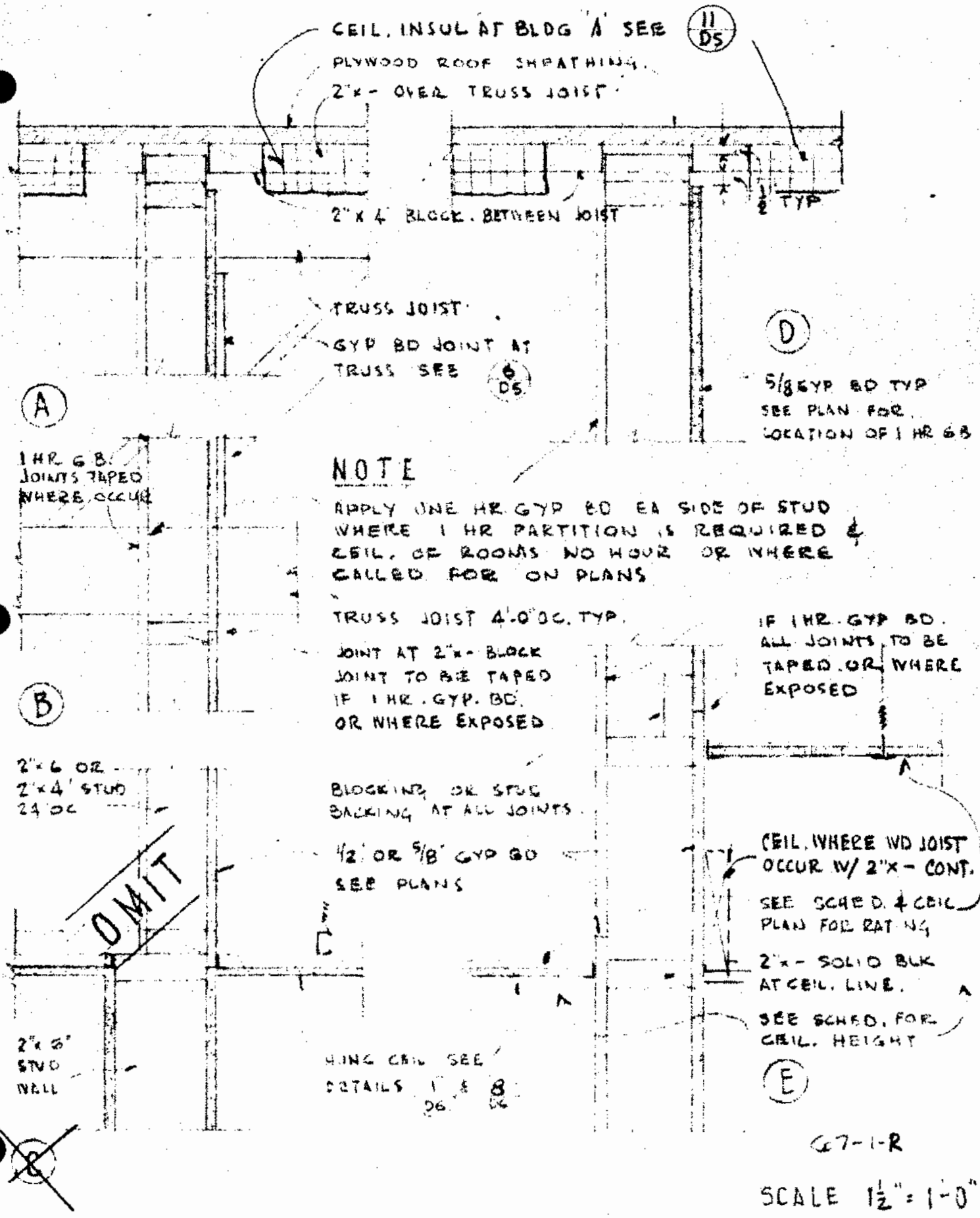
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	5



DRAFT STOP DETAIL AT TRUSS JOIST

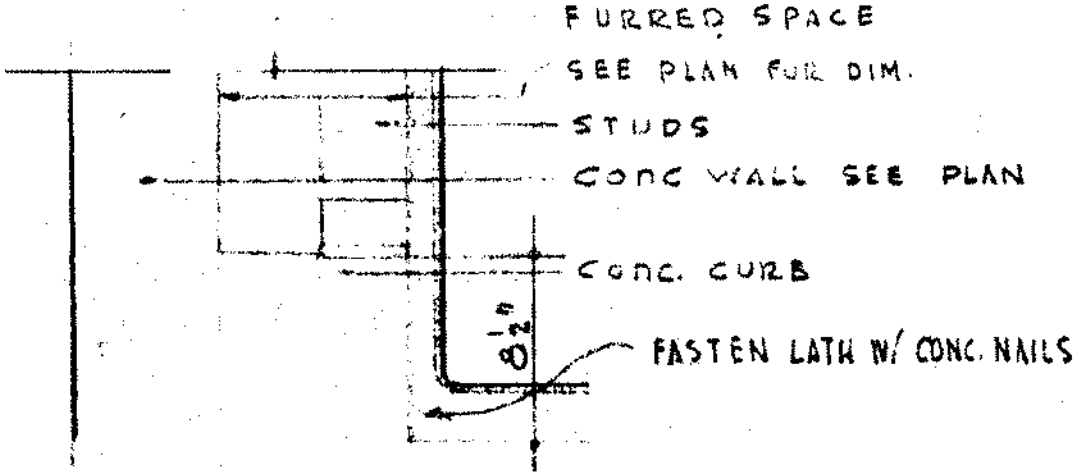
D5 | 6



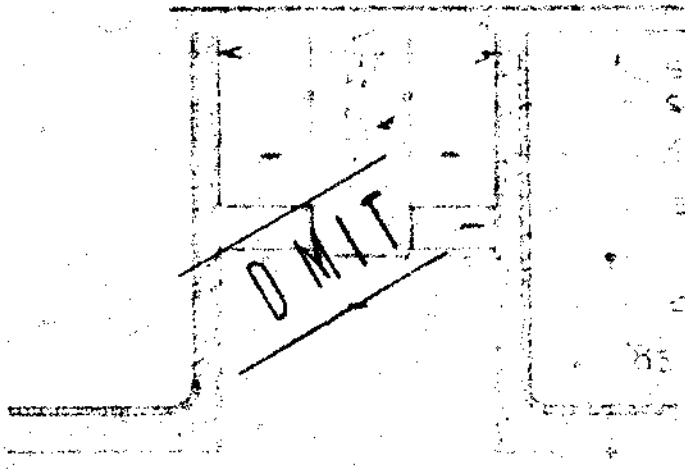
G7-1-R

SCALE 1½" = 1'-0"

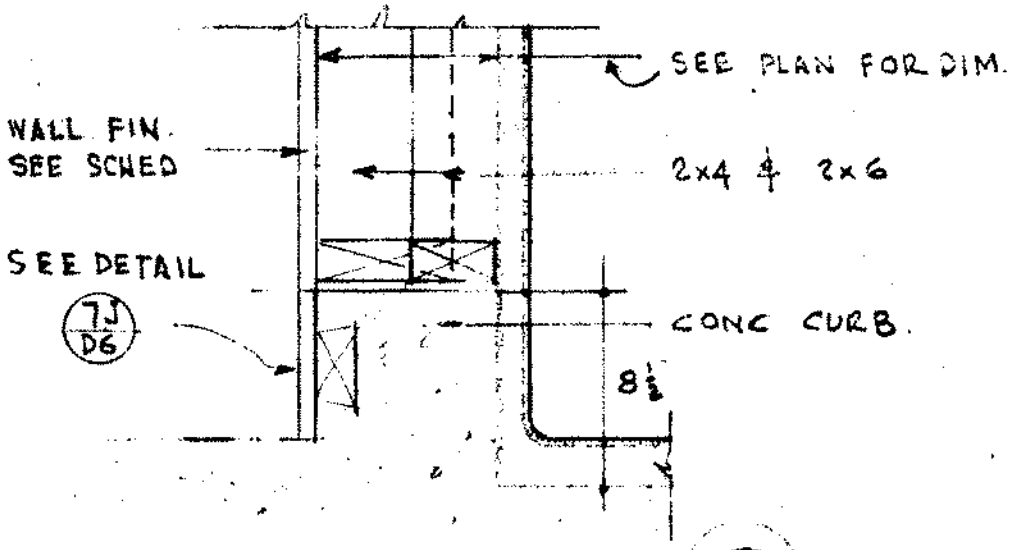
DRAFT STOP OR 1 HR FINISH TYP AT PARTITIONS	D 5	7 67



AT CONC. WALL (A)

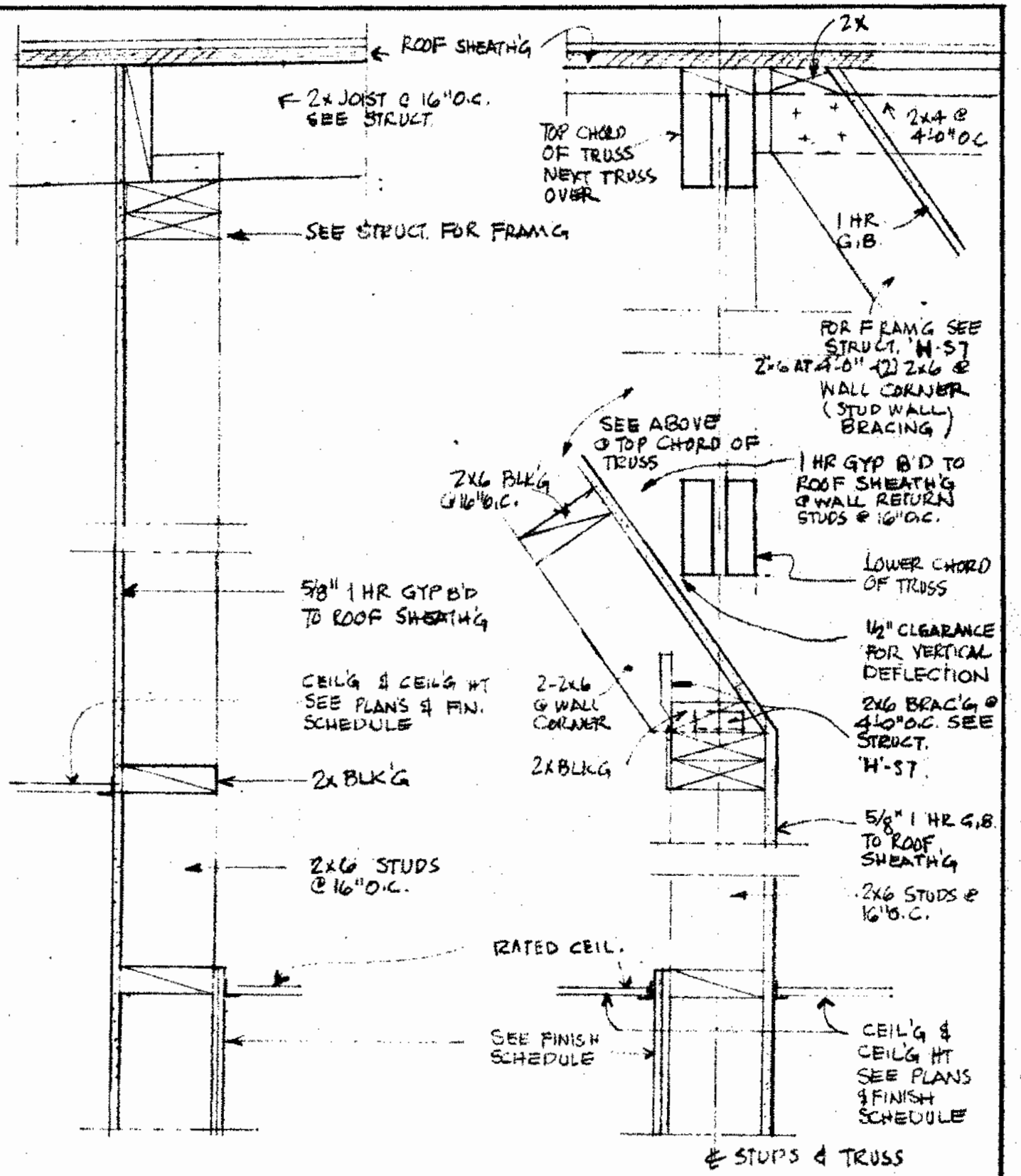


AT W.C. BACK-TO-BACK (B) ~~X~~



AT STUD WALL (C)

BASE @ FURRED WALLS | D-5 | 67-1R 8 68



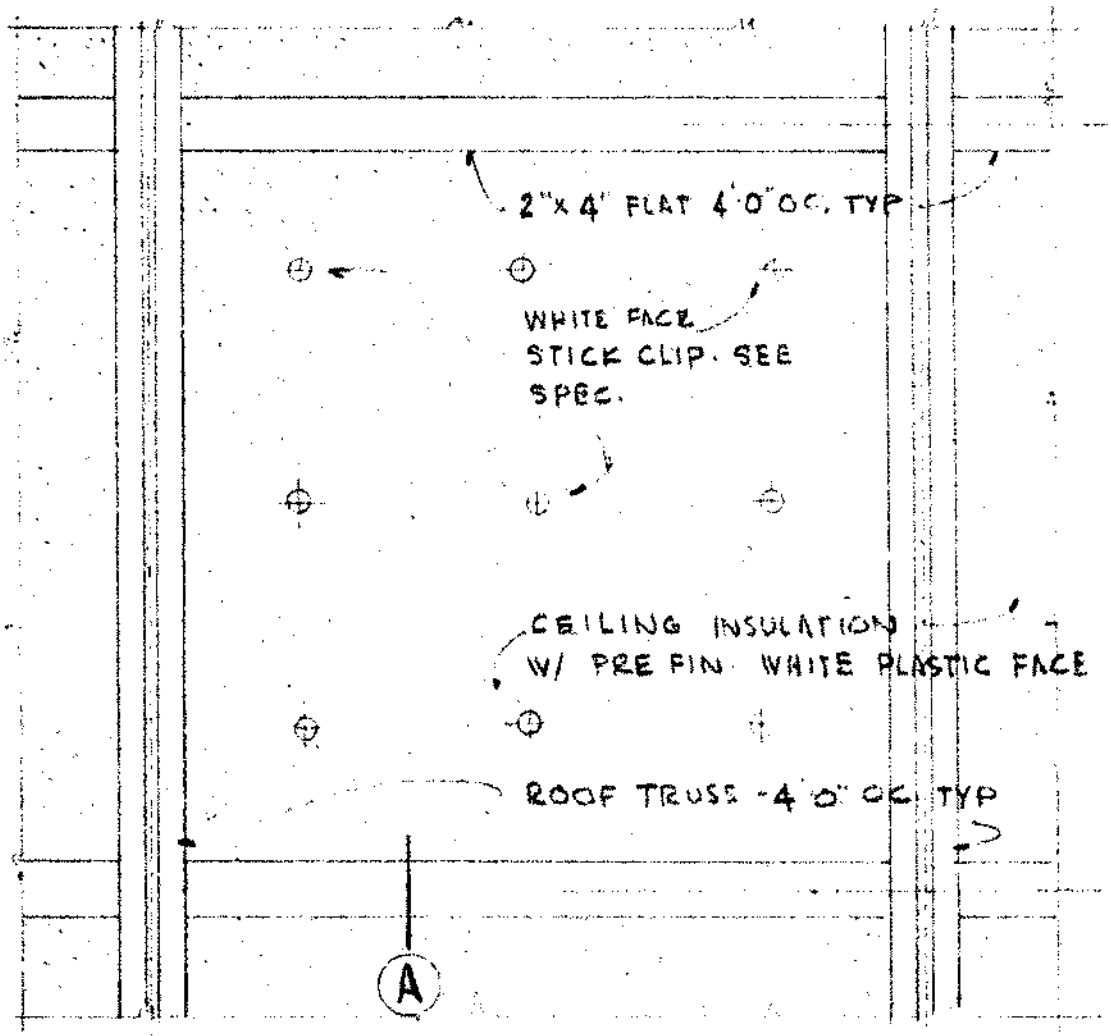
(A) SECTION 1 HR WALL PERPINDICULAR TO ROOF JOIST

(B) SECTION 1 HR WALL UNDER TRUSS JOIST

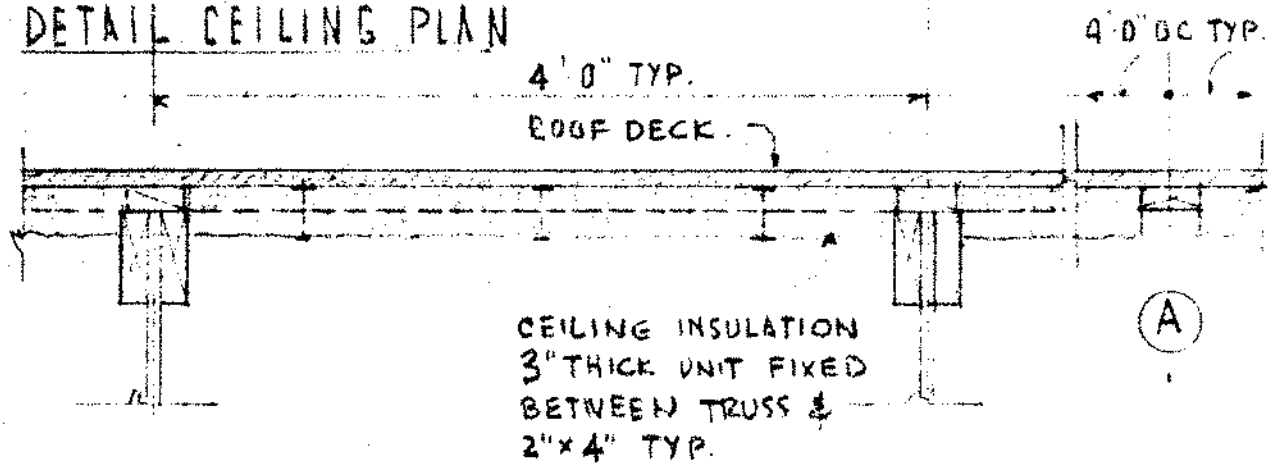
1 HOUR WALLS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	10



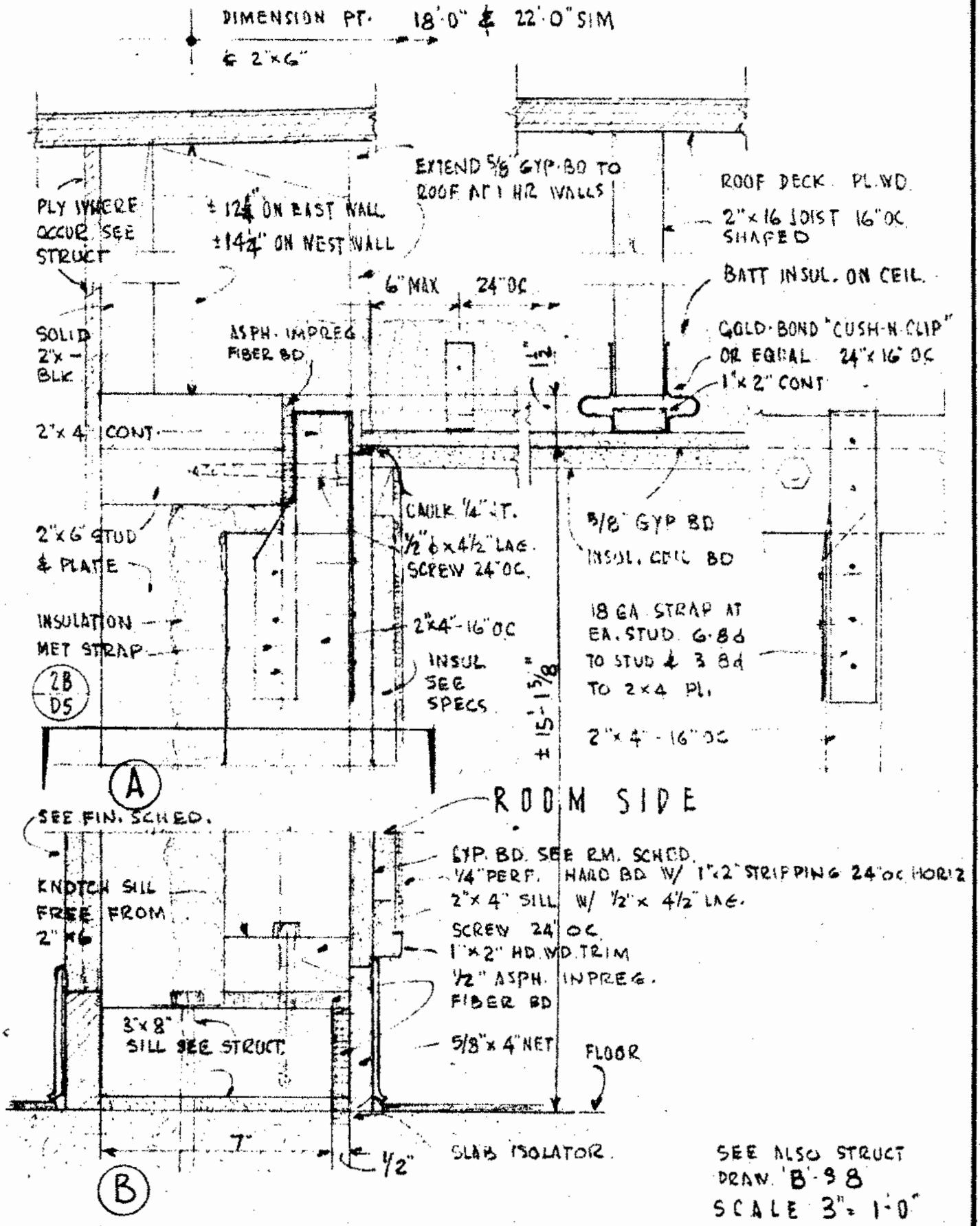
DETAIL CEILING PLAN



SECTION DETAIL

SCALE 1" = 1'0"

CEILING INSULATION • BLDG 1800A	GROUP D5	DETAIL 11
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS		

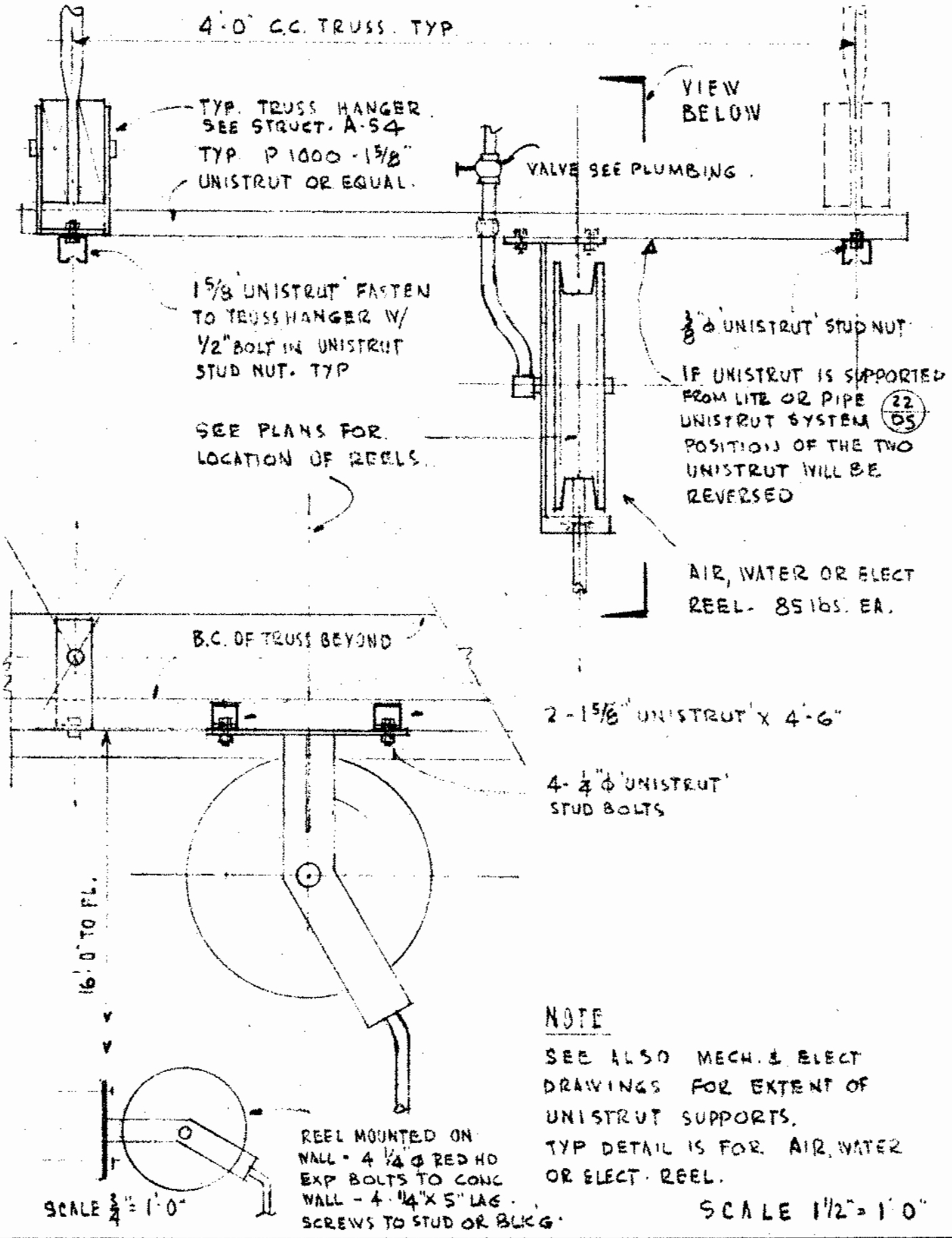


SOUND WALL - STUDIO 1842 B

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	12

JOB 67-1 R PAGE 71



NOTE

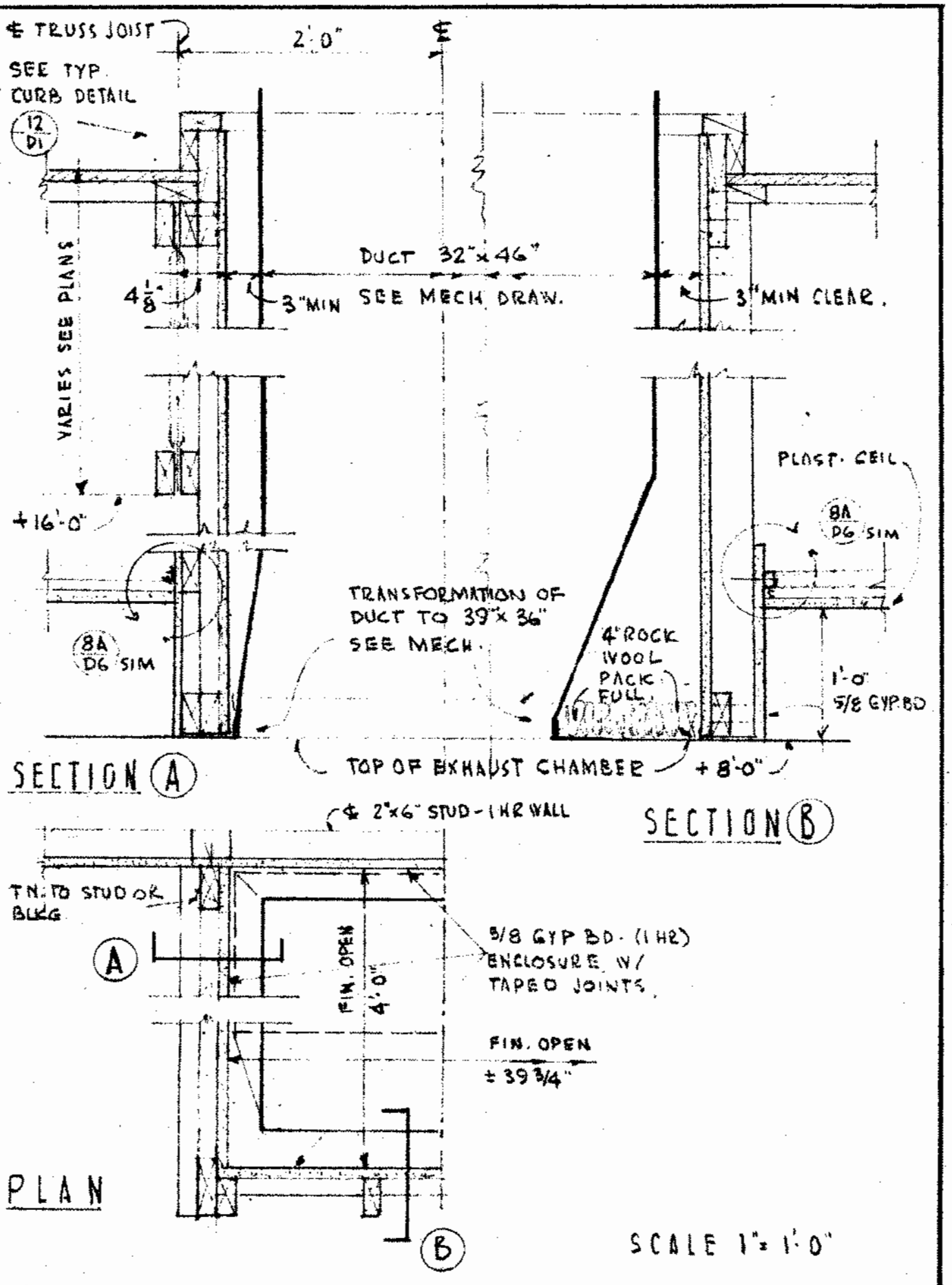
SEE ALSO MECH. & ELECT DRAWINGS FOR EXTENT OF UNISTRUT SUPPORTS. TYP DETAIL IS FOR AIR, WATER OR ELECT. REEL.

SCALE 1 1/2" = 1'-0"

SERVICE REEL SUPPORT

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

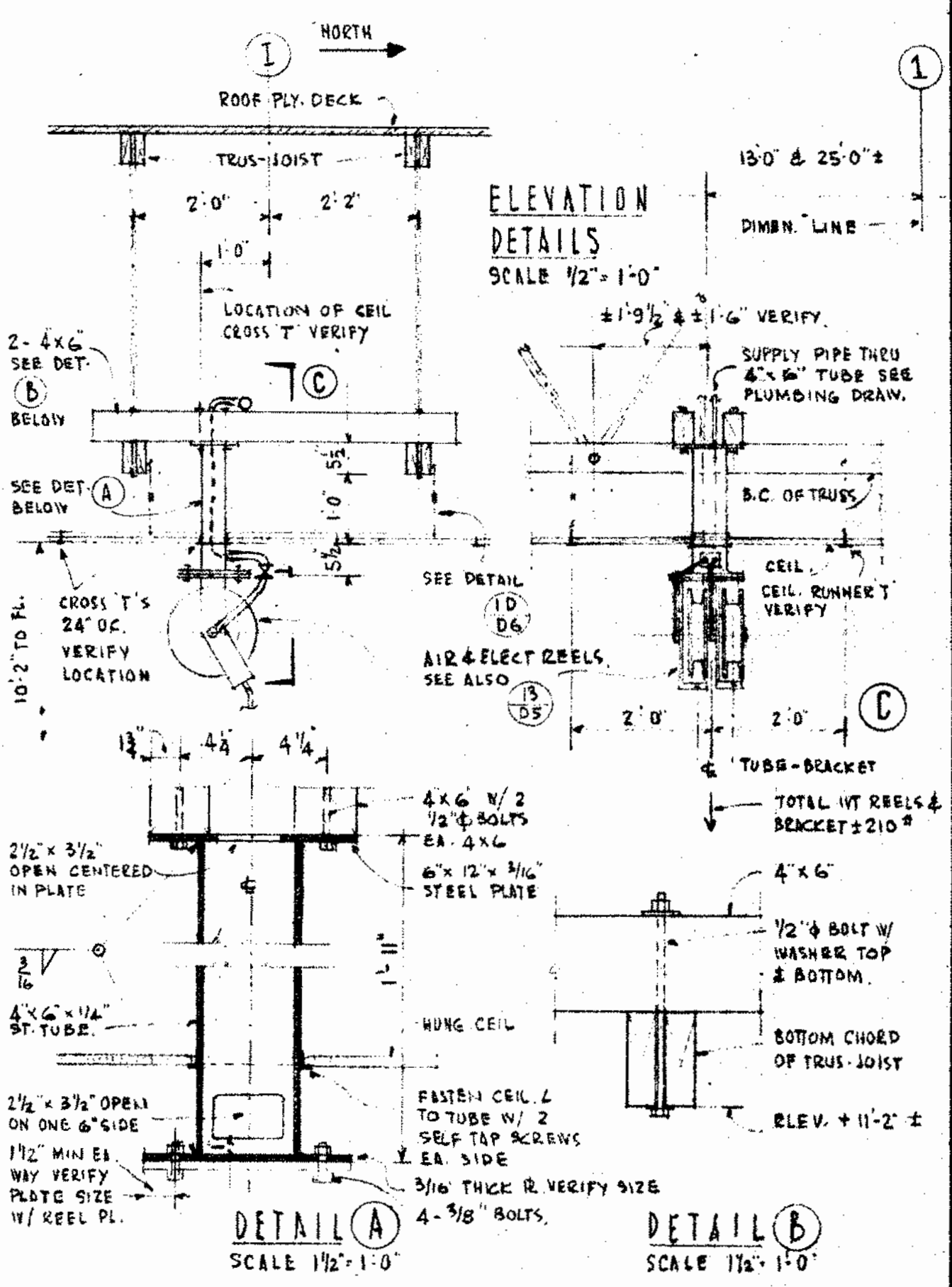
GROUP	DETAIL
D5	13



PAINT BOOTH DUCT ENCLOSURE

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

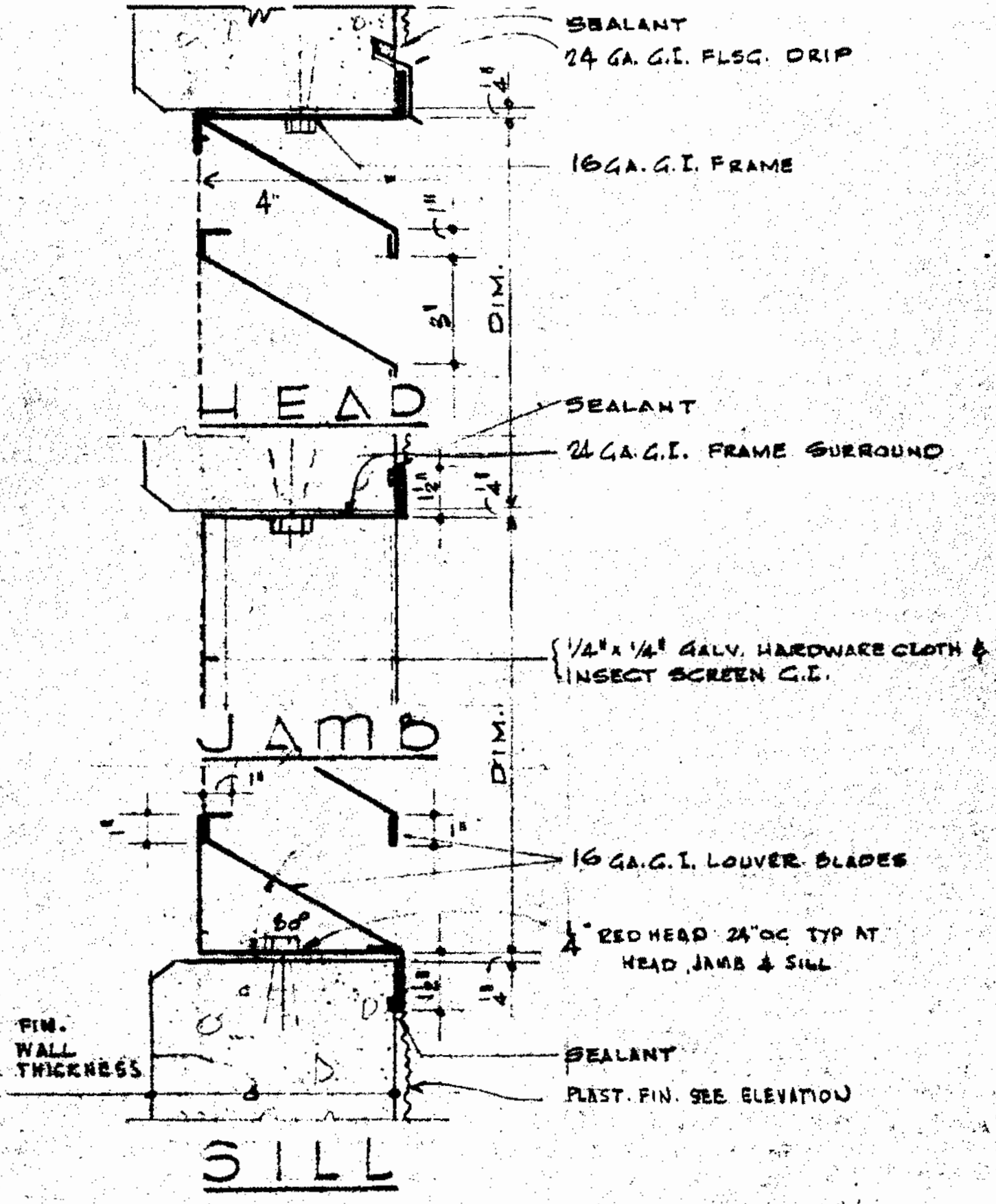
GROUP	DETAIL
D 5	14



SERVICE REEL SUPPORT - RM 1847B

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D5	15

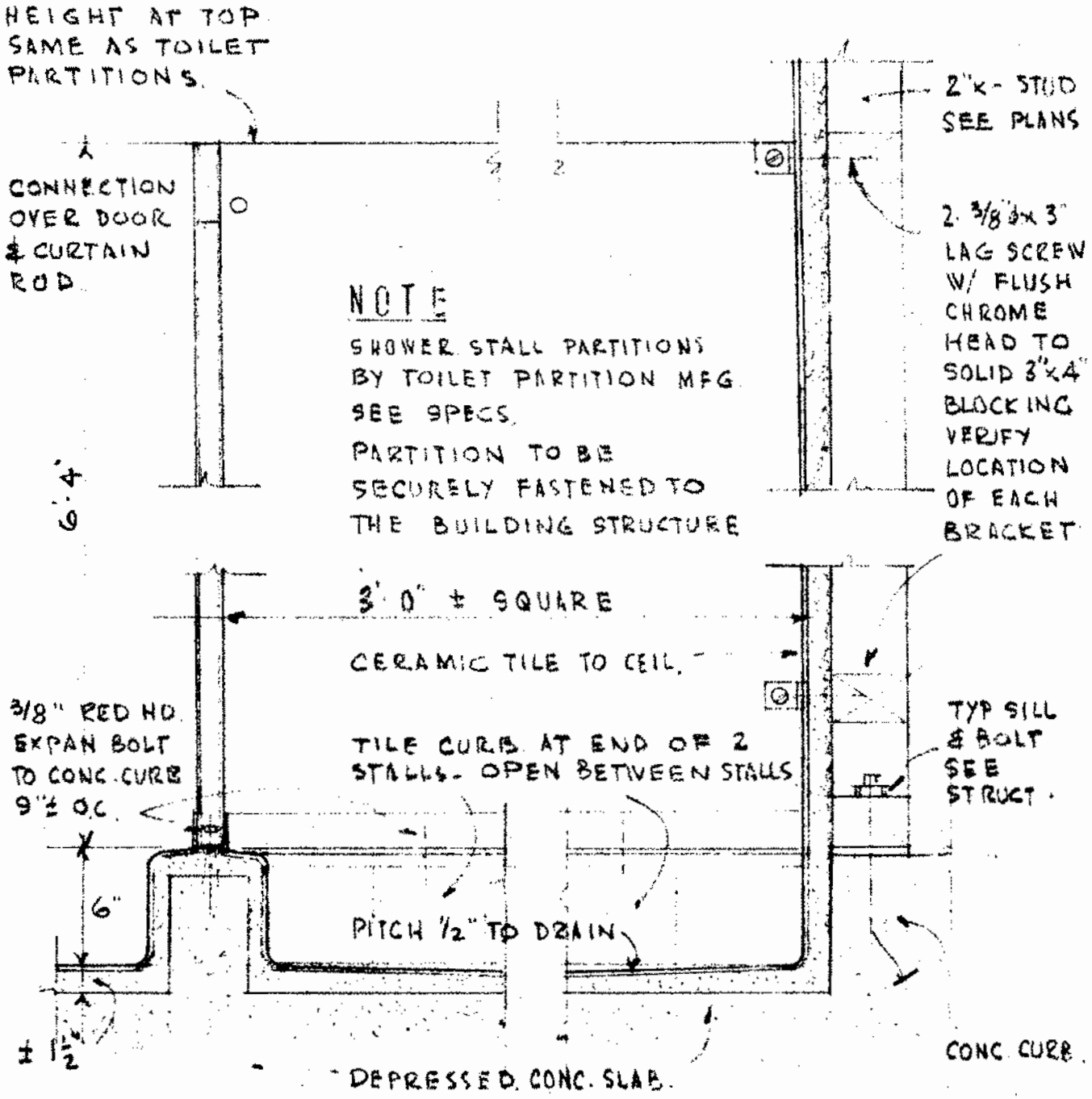


67-1R

METAL LOUVER DETAIL

D 5

16

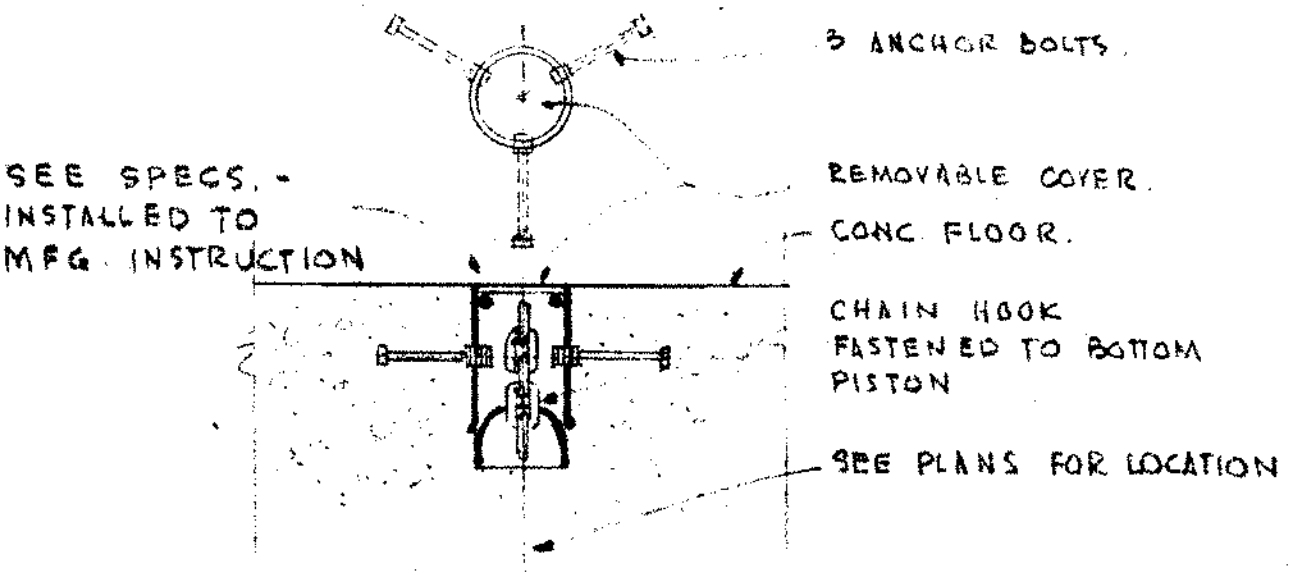


SCALE 1½" = 1'-0"

SHOWER STALL DETAIL

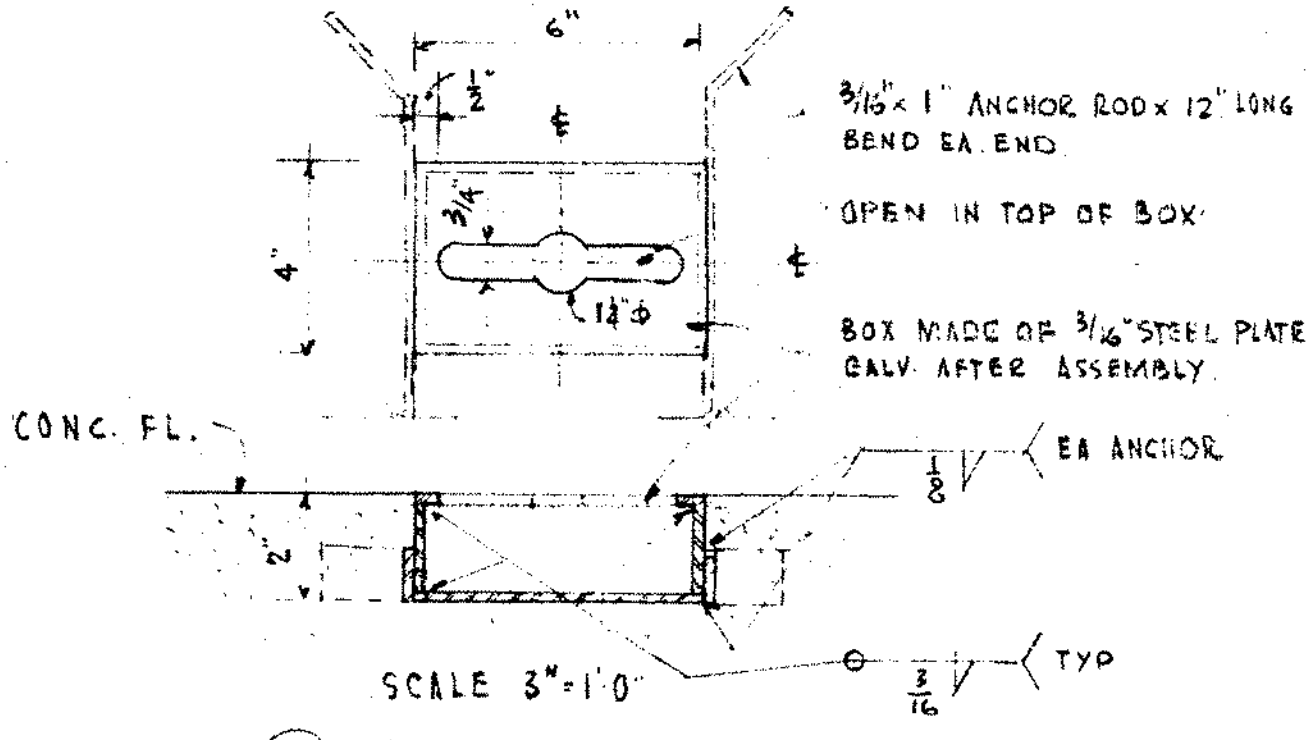
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 5	17



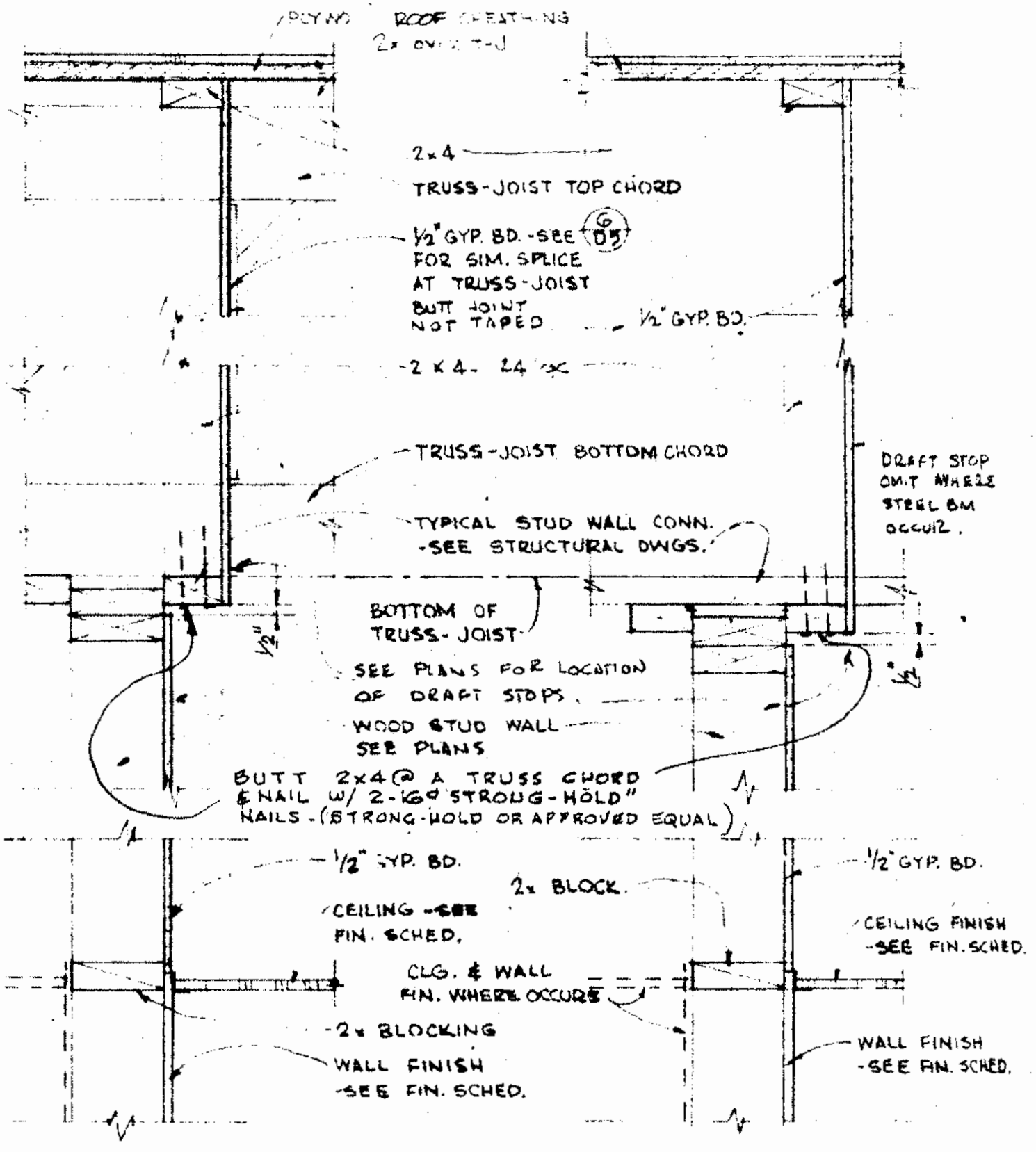
(A) ANCHOR POT FOR AUTO BODY & PAINT - RM 1817A

NO SCALE



(B) ANCHOR BOX FOR TEST CELL - RM. 1822A

FLOOR ANCHOR DETAILS	GROUP	DETAIL
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	D 5	18



(A) SECTION DRAFT STOP
PERPENDICULAR TO TRUSS-JOIST

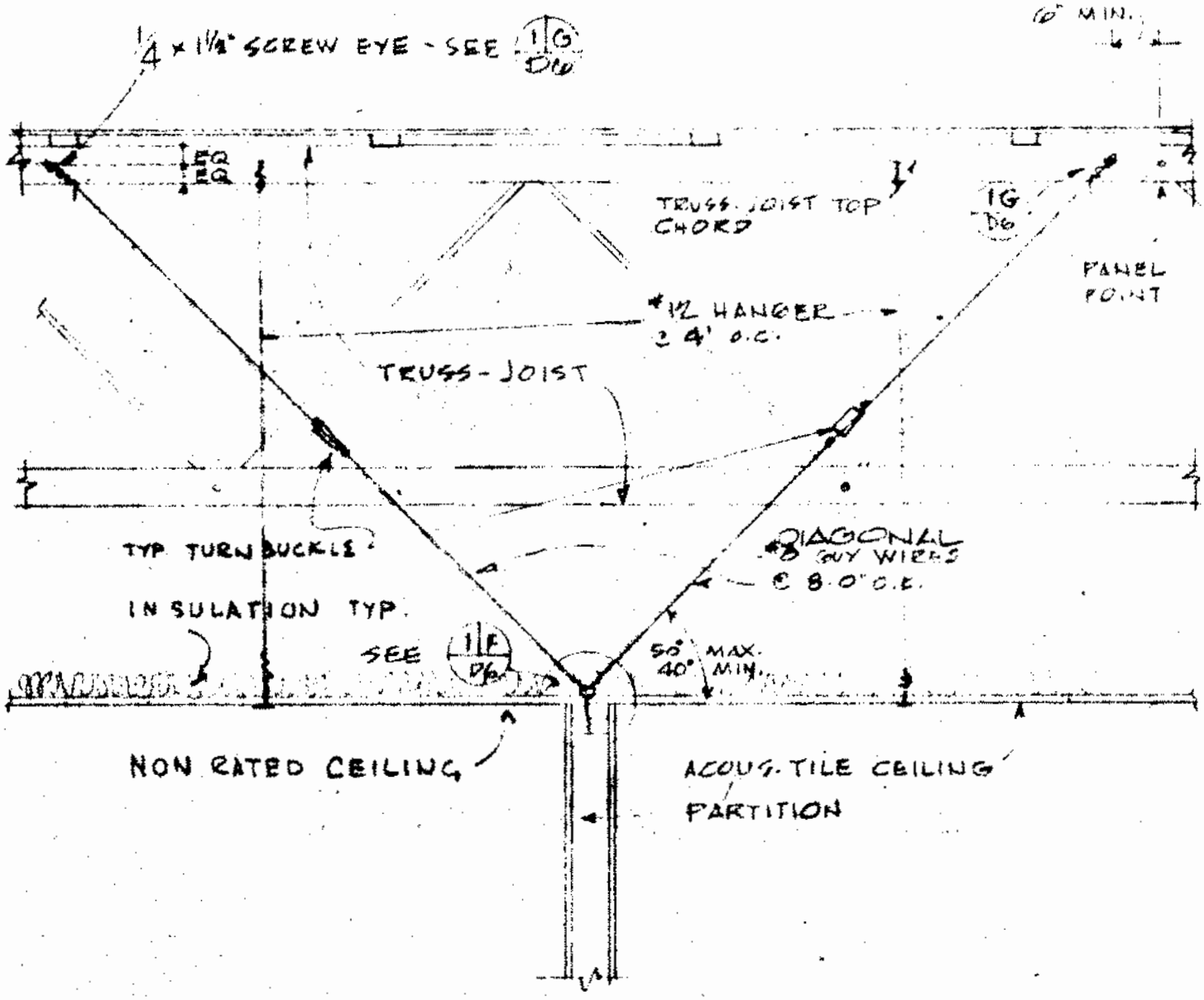
(B) SECTION DRAFT STOP
PARALLEL TO TRUSS-JOIST

SCALE: 1½" = 1'-0"

DRAFT STOP DETAILS PERPENDICULAR TO TRUSS

D5 | 19

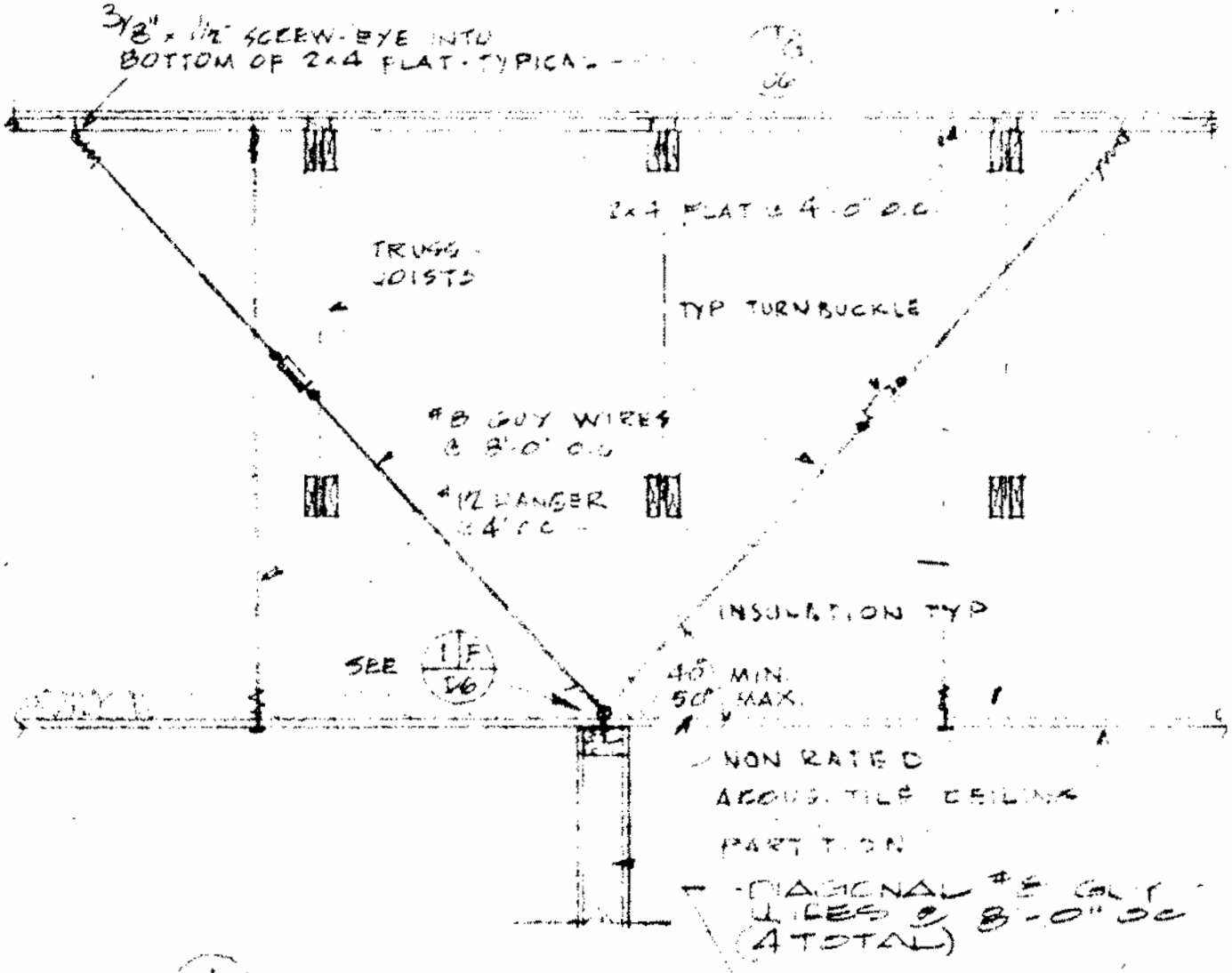
67-1 R 78



G7-1-R

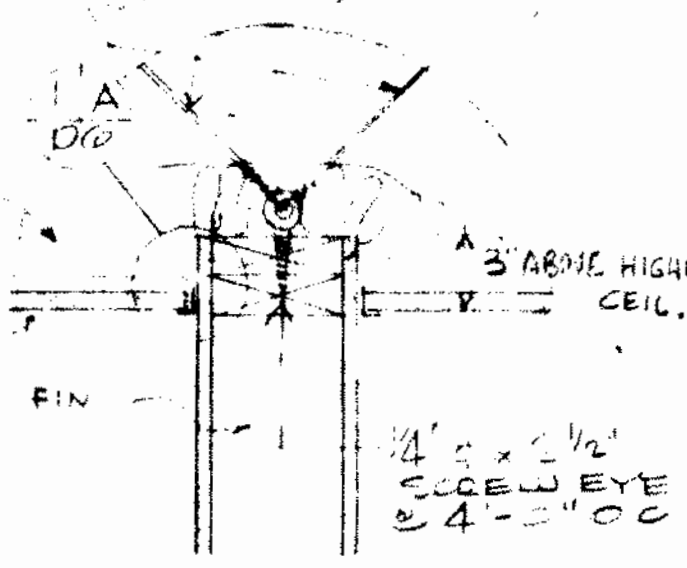
SCALE 1/2" = 1'-0"

TYPICAL BRACING OF PARTITION AT CEIL. TO ROOF FRAMING - PERP. TO T-J's.	D5	20



(A) TYP. DETAIL

SCALE 1½" = 1'-0"



(B) DETAIL

SCALE 1½" = 1'-0"

G7-1-R

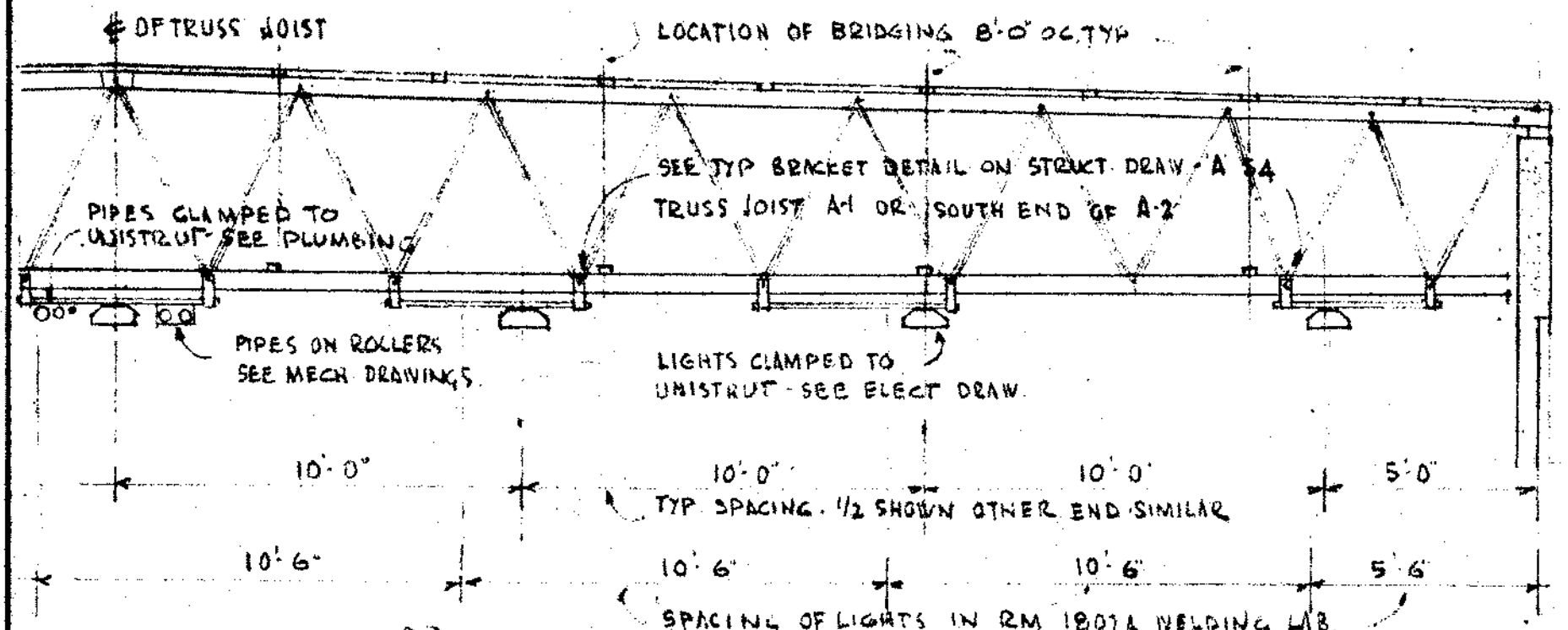
TYP. BRACING OF PARTITION AT CEIL. TO ROOF FRAMING - PARALLEL TO T-J's.

D5

21

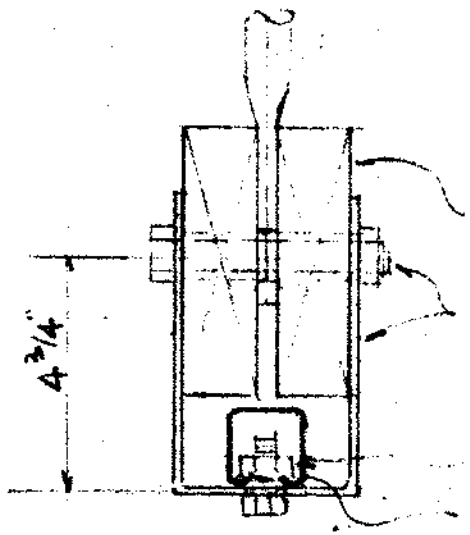
UNISTRUT SUPPORT DETAIL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



ELEVATION DETAIL

SCALE 1/4" - 1'-0"



TYP. BRACKET

SCALE 3" - 1'-0"

NOTES

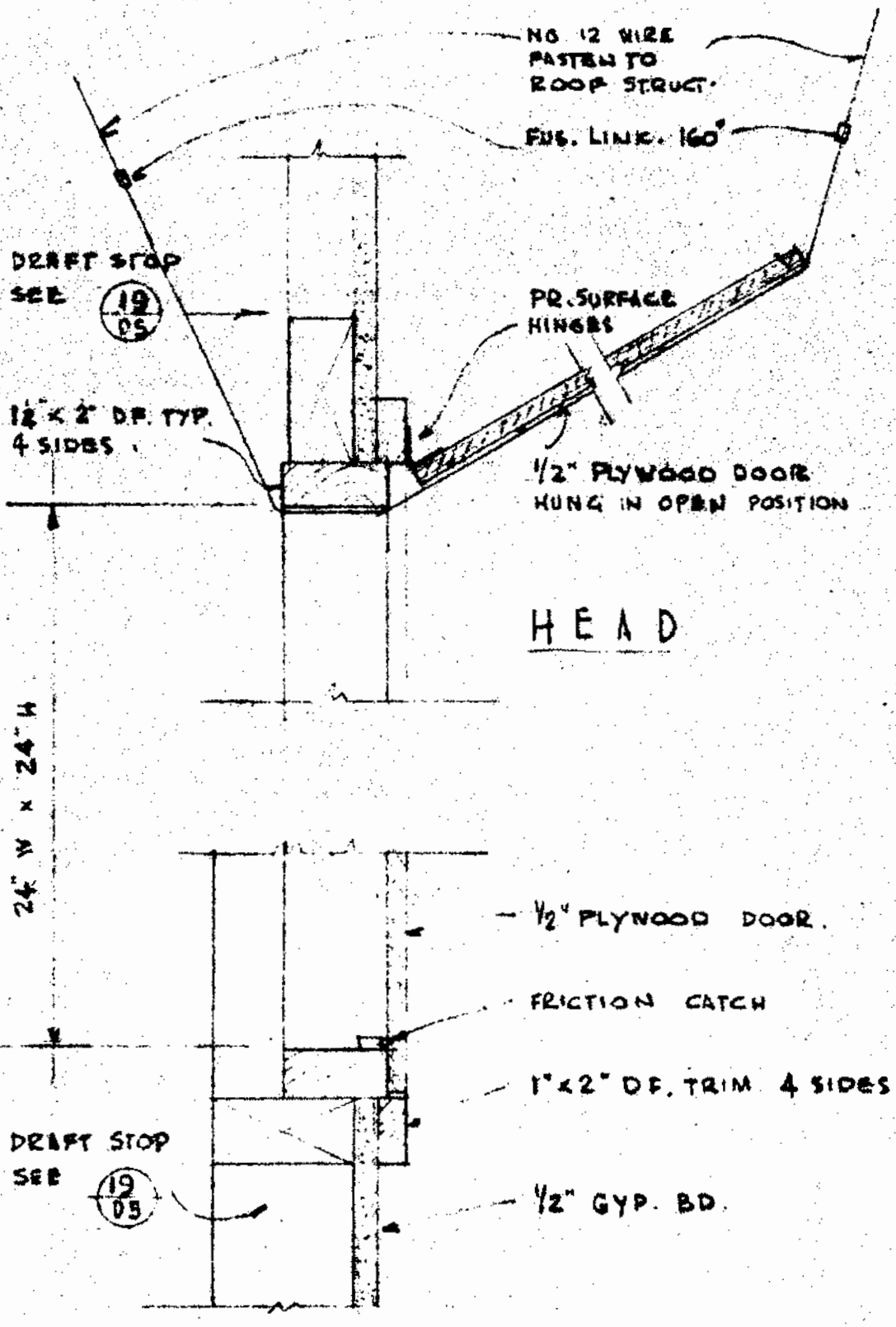
SEE ALSO PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS & DETAILS FOR FASTENING TO UNISTRUTS AND FOR ADDITIONAL UNISTRUTS NEEDED

SEE ALSO DETAILS 13/D5 FOR REEL SUPPORTS & 11/D4 FOR ROLL UP DOOR SUPPORT

GROUP D5

DETAIL 22

JOB 67-12 PAGE 81



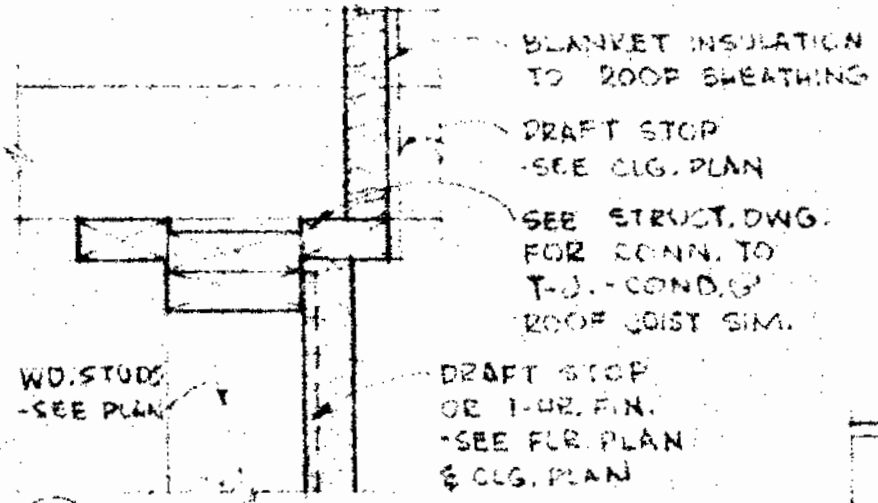
SEE PLANS FOR LOCATION

SCALE 3" = 1'-0"

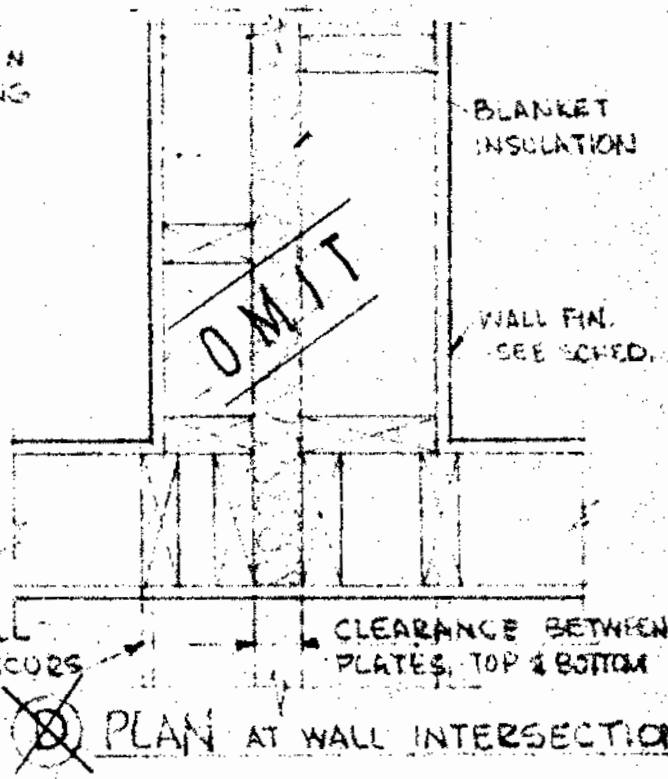
67-1-R

DRAFT STOP DOOR

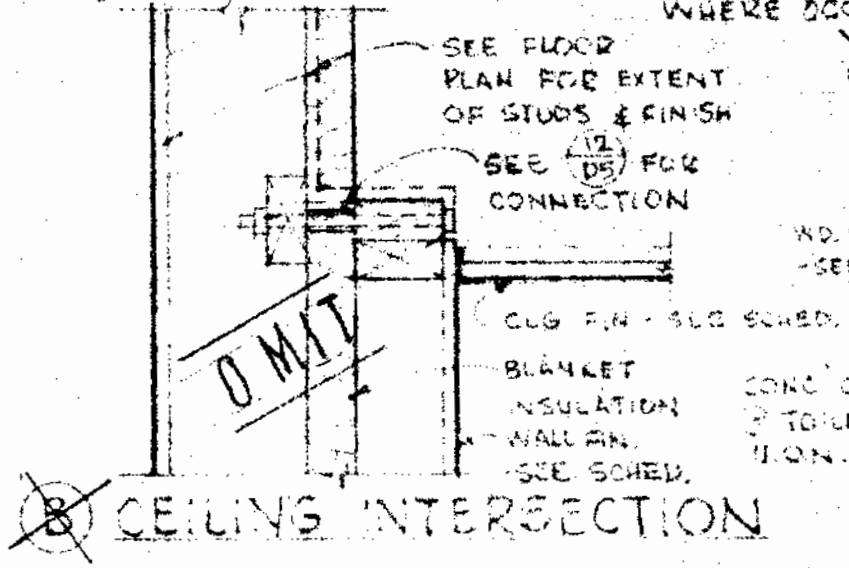
05	23



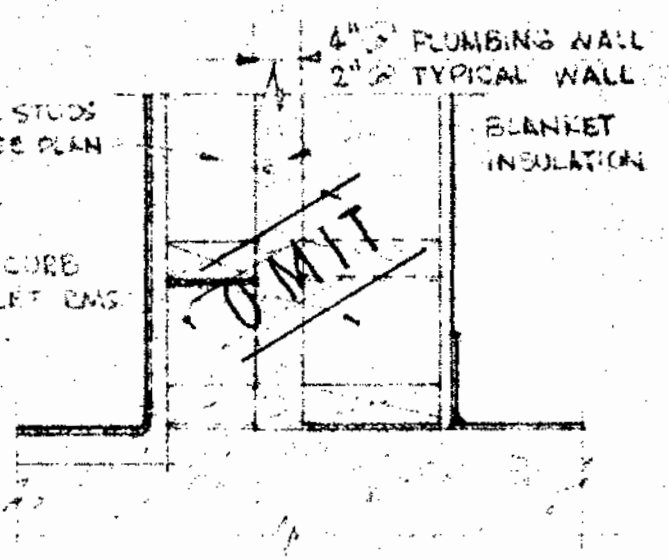
(A) HEAD AT TRUSS-JOISTS



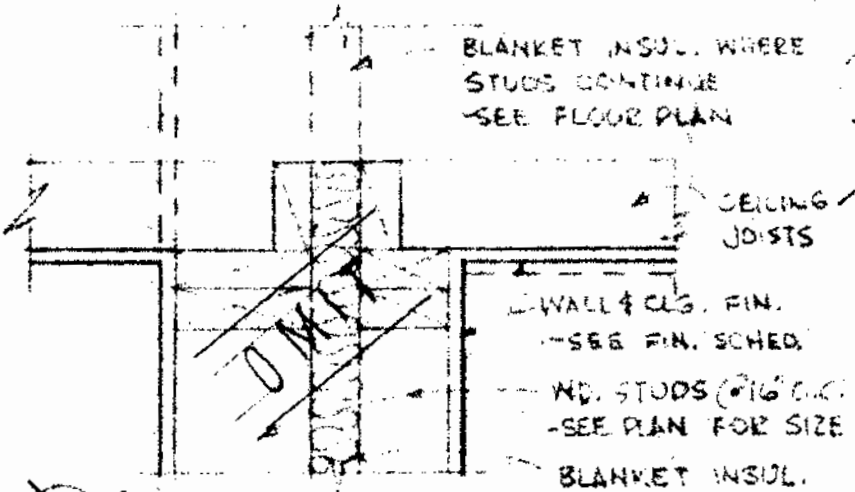
(D) PLAN AT WALL INTERSECTION



(B) CEILING INTERSECTION



(E) WALL BASE



(C) AT CEILING JOISTS

NOTE

SEE (2/D5) FOR TYPICAL SOUND WALL DETAILS. SEE (8/D5) FOR SILL DETAIL

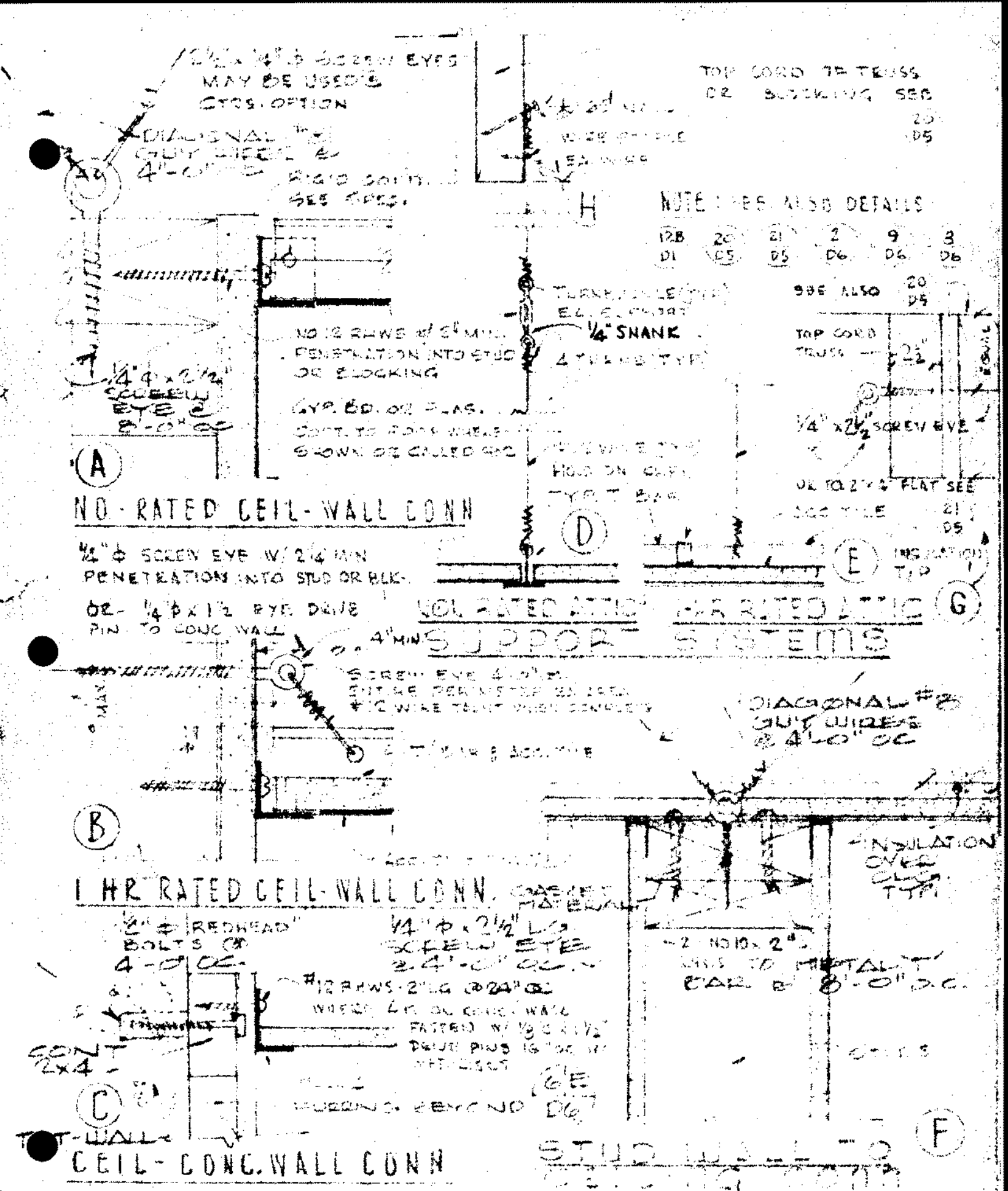
SCALE: 1 1/2" = 1'-0"

MISC. SOUND WALL DETAILS AT DOUBLE STUD WALL

D 5

67-1R

24



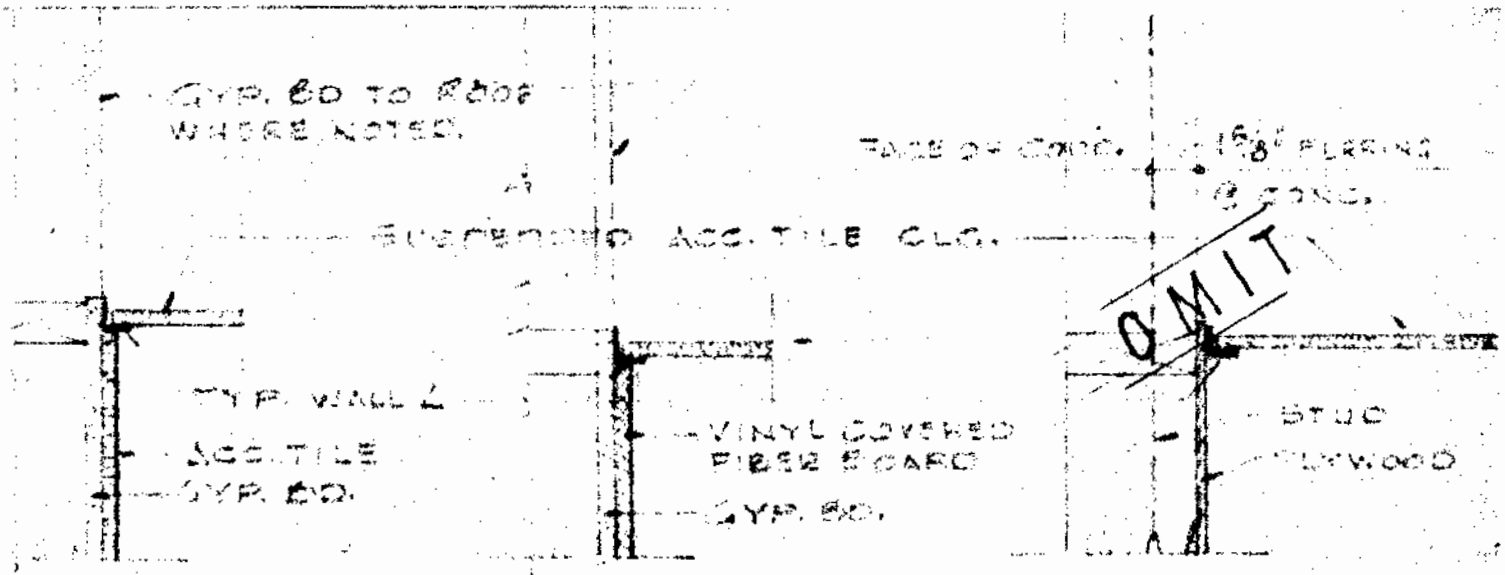
TYP. ACC. TILE SUSPENDED CEILING SYSTEM DETAILS

D-6

1

84

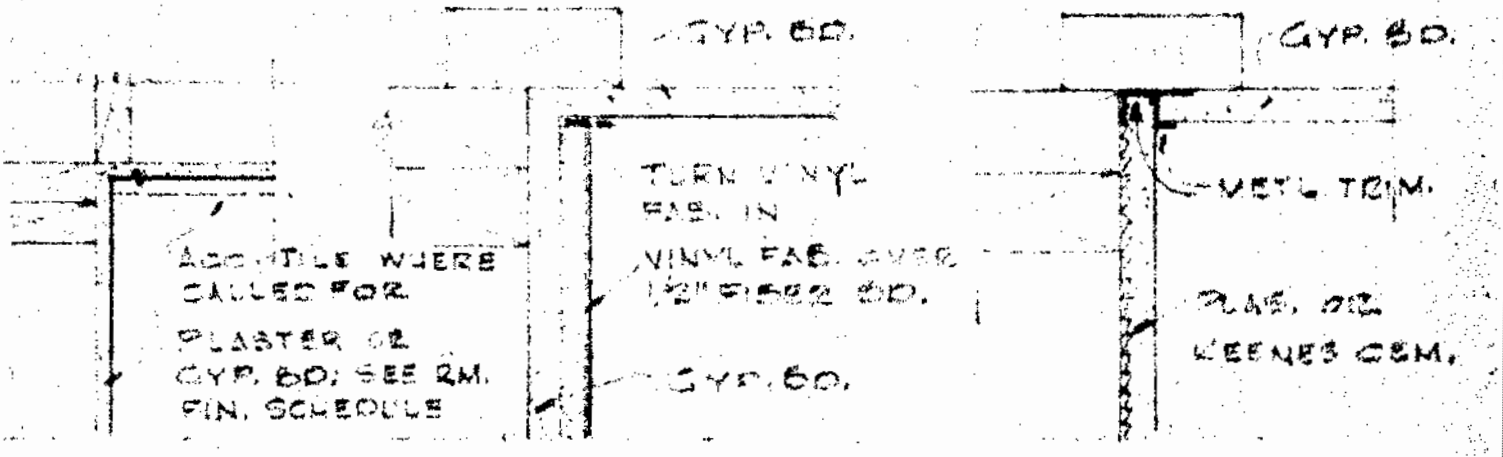
67-1E



GYP. BD. & ACC. TILE (A)

GYP. BD. & FIB. BD. (B)

PLYWOOD (C)



GYP. BD & G.B. CLG. (D)

FIB. BD. & VINYL FAB. (E)

PLAS. & GYP. BD. (F)

SEE DETAIL 8/D6 FOR SUSPENDED PLASTER CEIL AT WALLS

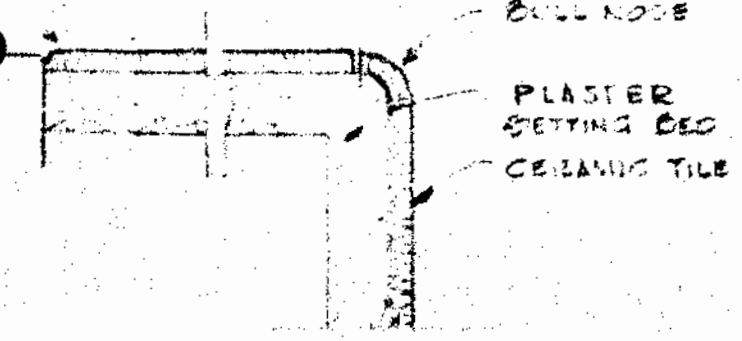
67-1-R

CEILING DETAILS

D·6

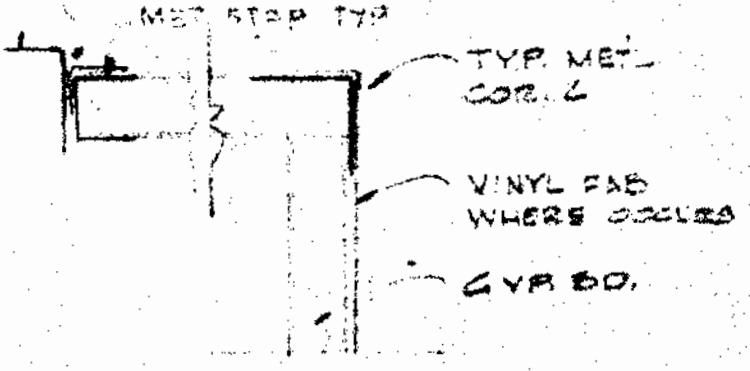
2

DOOR OR WINDOW FRAME
BULL NOSE TYP.

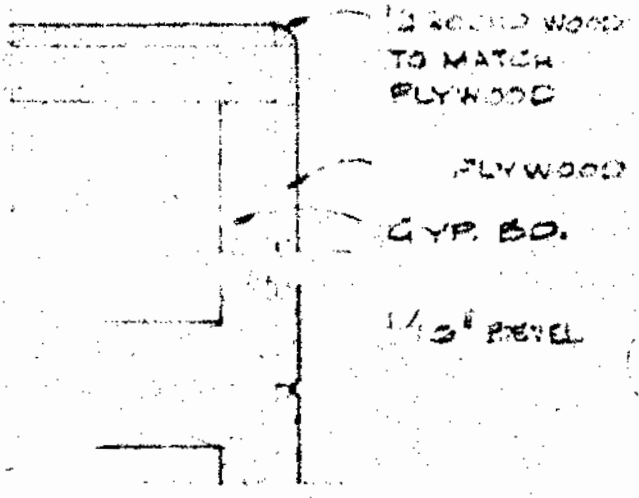


A CERAMIC TILE

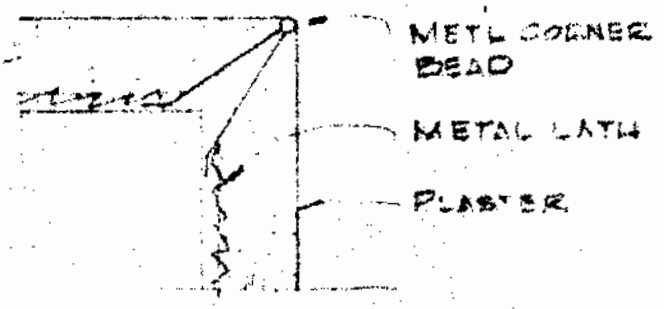
DOOR OR WINDOW FRAME
TURN IN VINYL FAB TYP. WHERE OCCUR
MET STOP TYP.



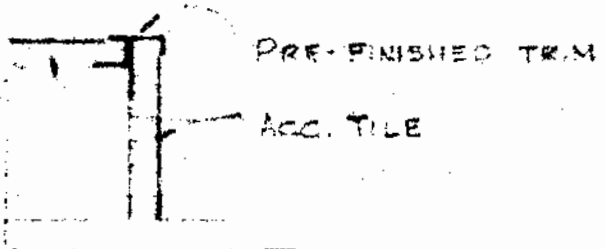
B GYP. BOARD



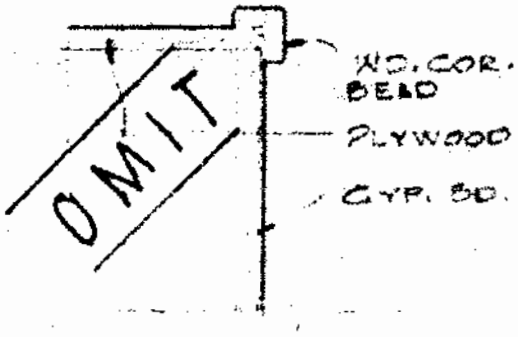
C PLYWOOD



D PLASTER
HALF SIZE



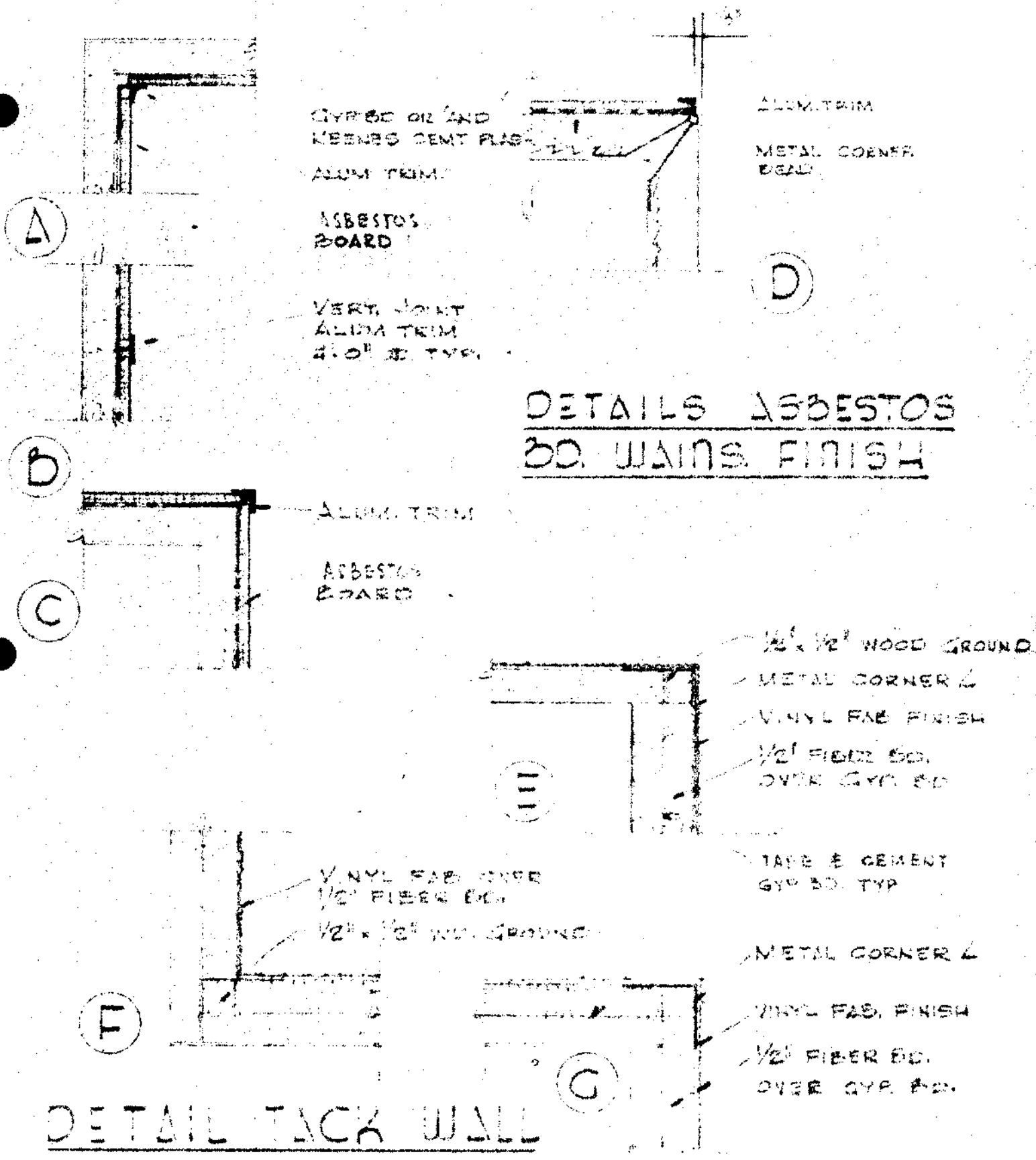
E ACOUSTIC TILE



~~F~~ GYP BD. PLYWD.

SCALE: 3" = 1'-0" U.O.N.

TYP. CORNER DETAILS	D-6	67-18 3



DETAILS ASBESTOS BD. WAINS. FINISH

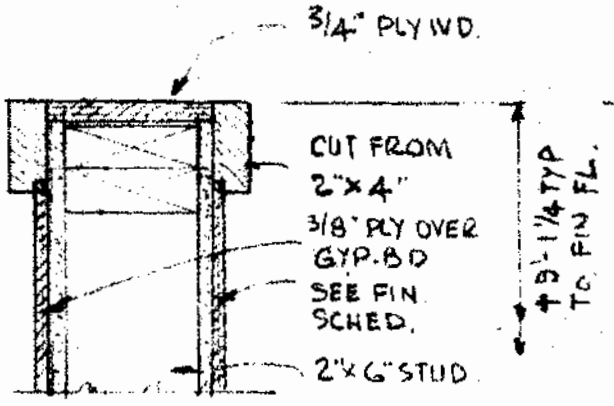
DETAIL TACK WALL

SCALE HALF SIZE

CORNER DETAILS ASBESTOS BD & TACK WALL

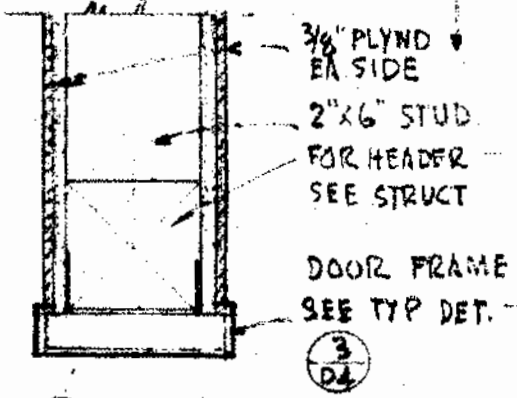
D·6

67-1R
4
87

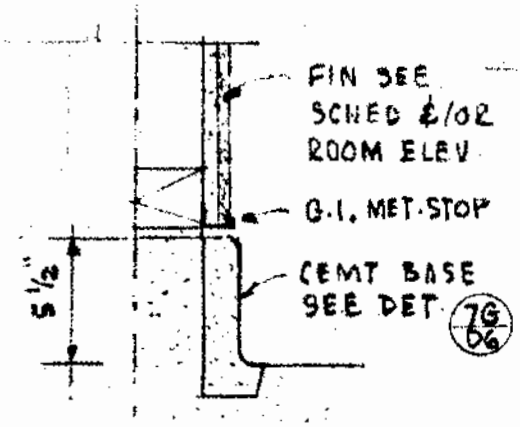


NOTE
ELEVATION OF MEZZANINE FL VARIES. - SEE PLANS.

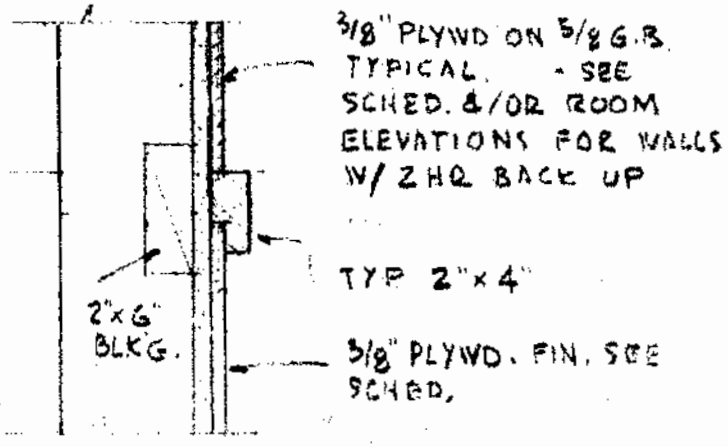
(C) TOP OF LOW WALL



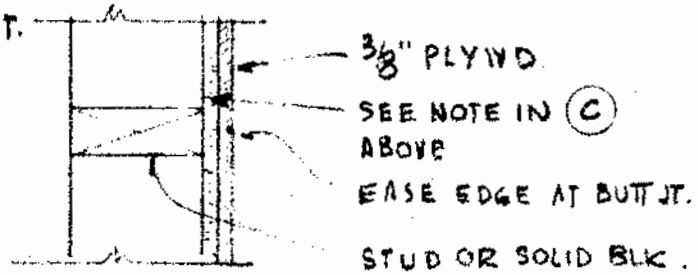
(F) JAMB & HEAD



(G) SILL



(D) TYP WAINS TRIM



(B) TYP JOINT

NOTE
DETAILS (A) & (E) OMITTED.

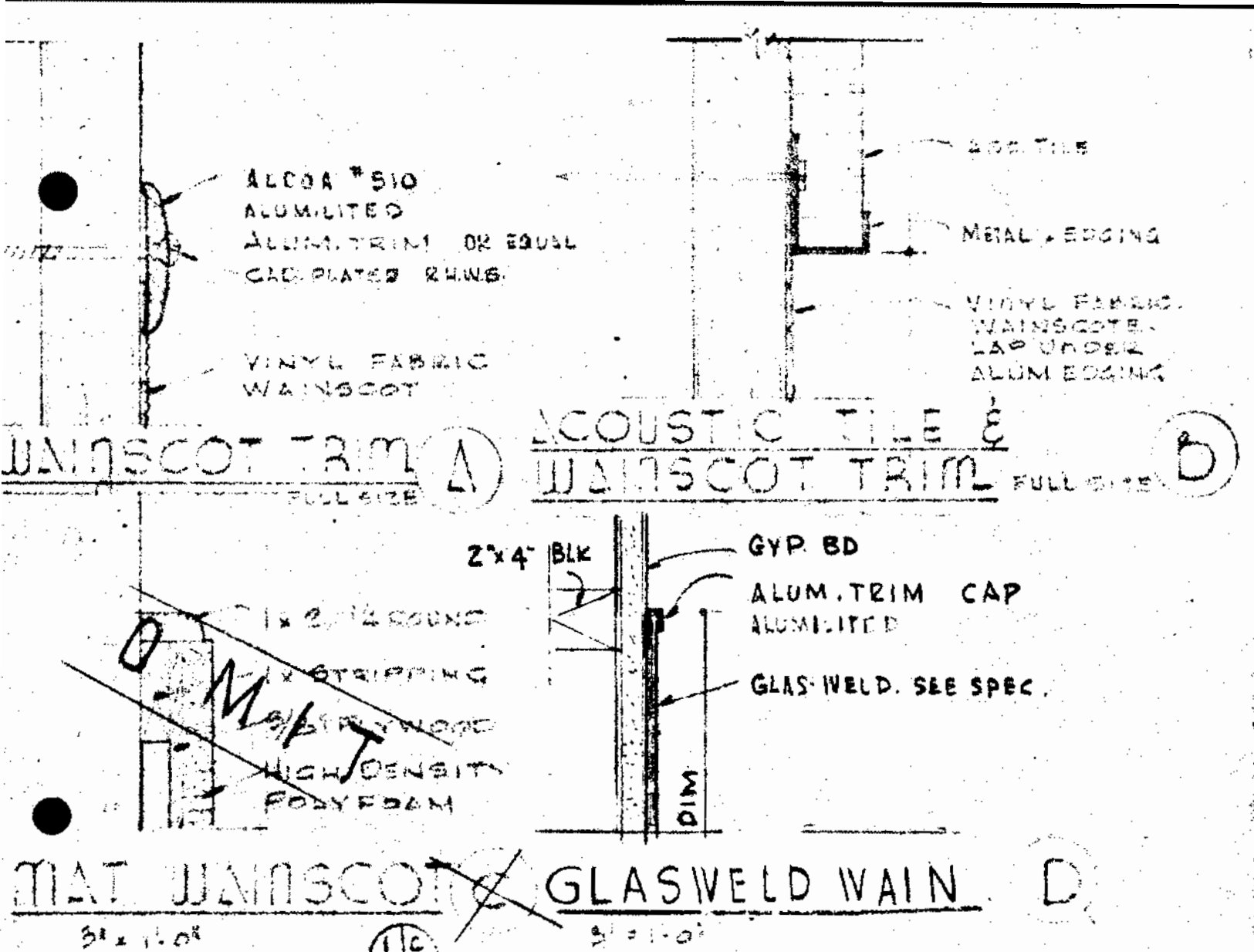
SCALE 1½" = 1'-0"

WALL DETAILS BLDG 1800A

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D6	5

JOB 67-12 PAGE 88



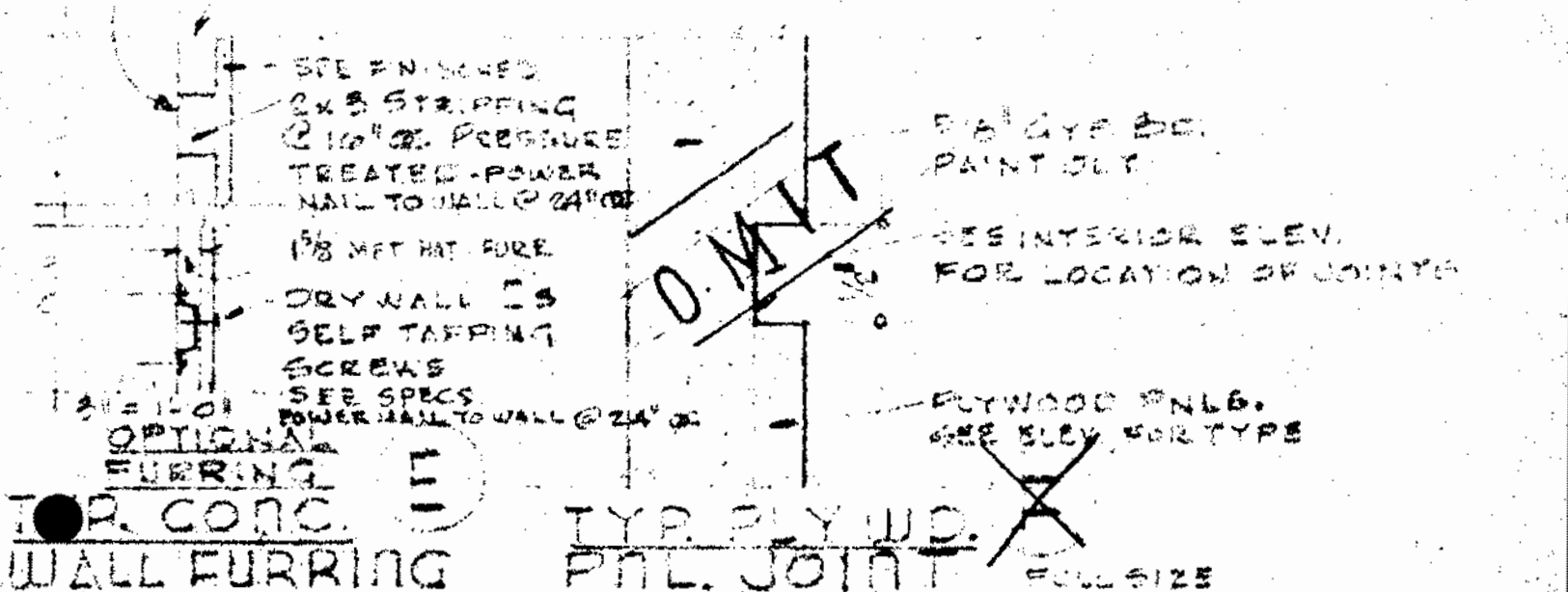
WAINSCOT TRIM (A) FULL SIZE

ACOUSTIC TILE & WAINSCOT TRIM (B) FULL SIZE

MAT WAINSCOT (C) 3" = 1'-0"

GLASWELD WAIN. (D) 3" = 1'-0"

NOTE: SEE DET. 1/C D-6 FOR HORIZ. STRIPPING AT CEILING.



OPTIONAL FURRING (E)

TYP. CONC. WALL FURRING

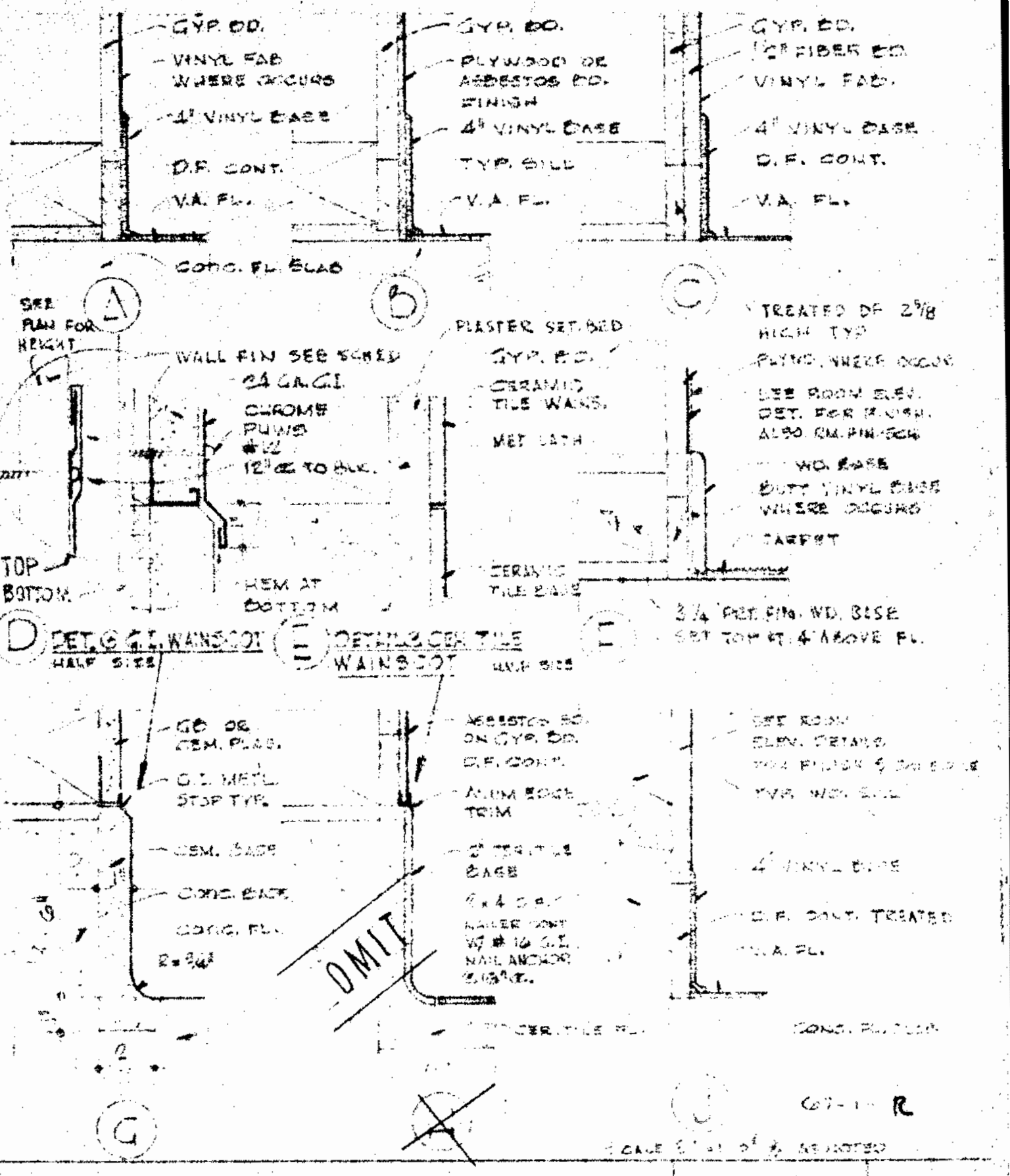
TYP. PLY WD. PNL. JOINT (F) FULL SIZE

WALL & WAINSCOT DETAILS

D-6

67-1R

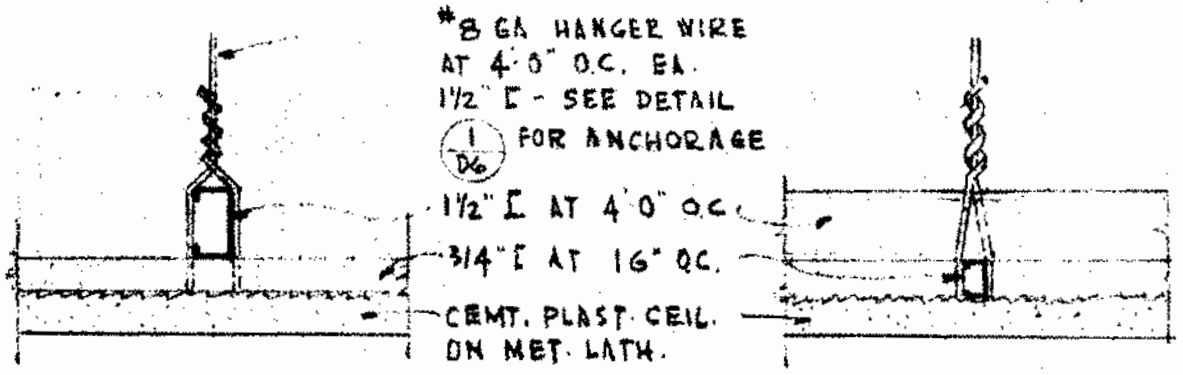
6 89



TYPICAL BASE DETAILS

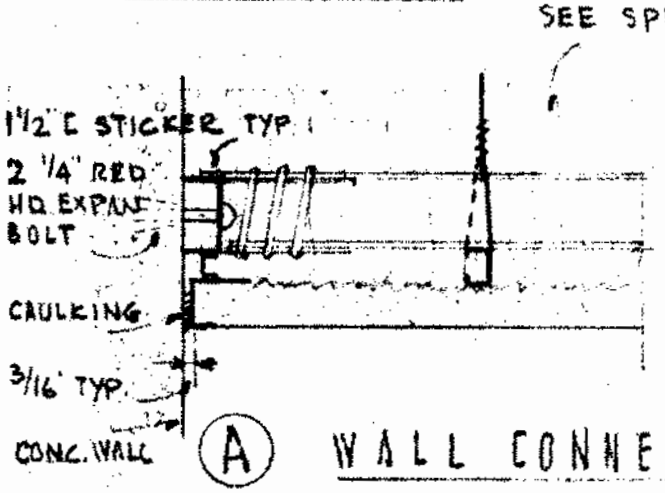
D-6

7/90

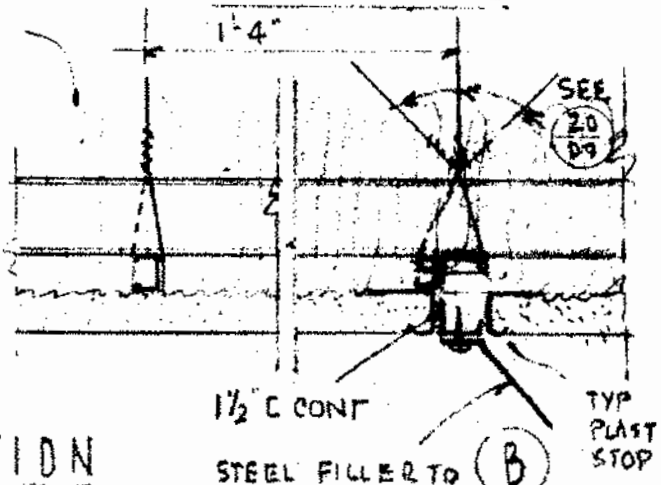


TYP HANGING C

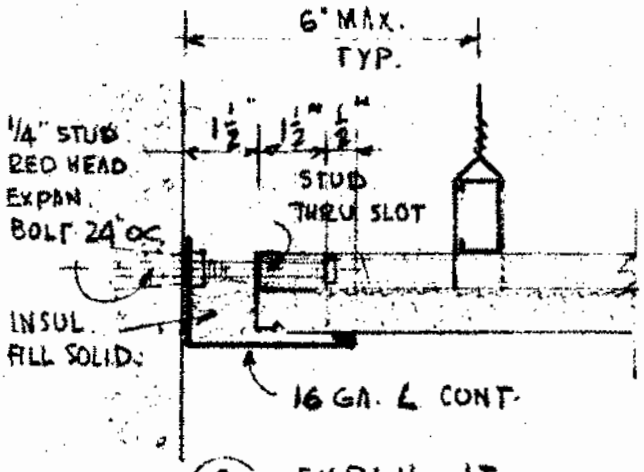
TYP FURR. C



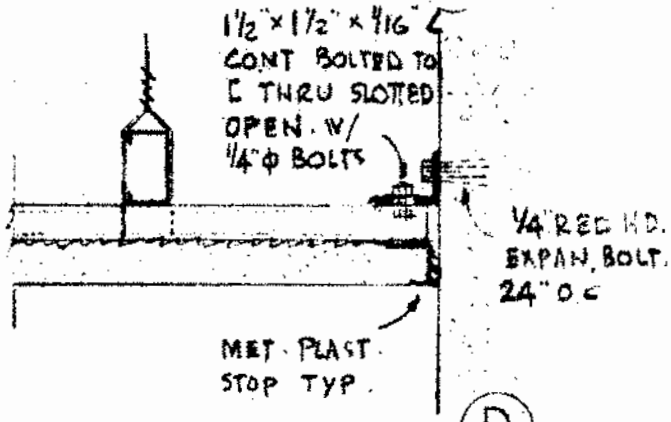
(A) WALL CONNECTION DETAILS



(B)



(C) EXPAN. JT.



(D)

NOTE BATT INSULATION TO BE FILLED SOLID W/ OUT OPENINGS AT MEETING OF CEIL. AT WALLS

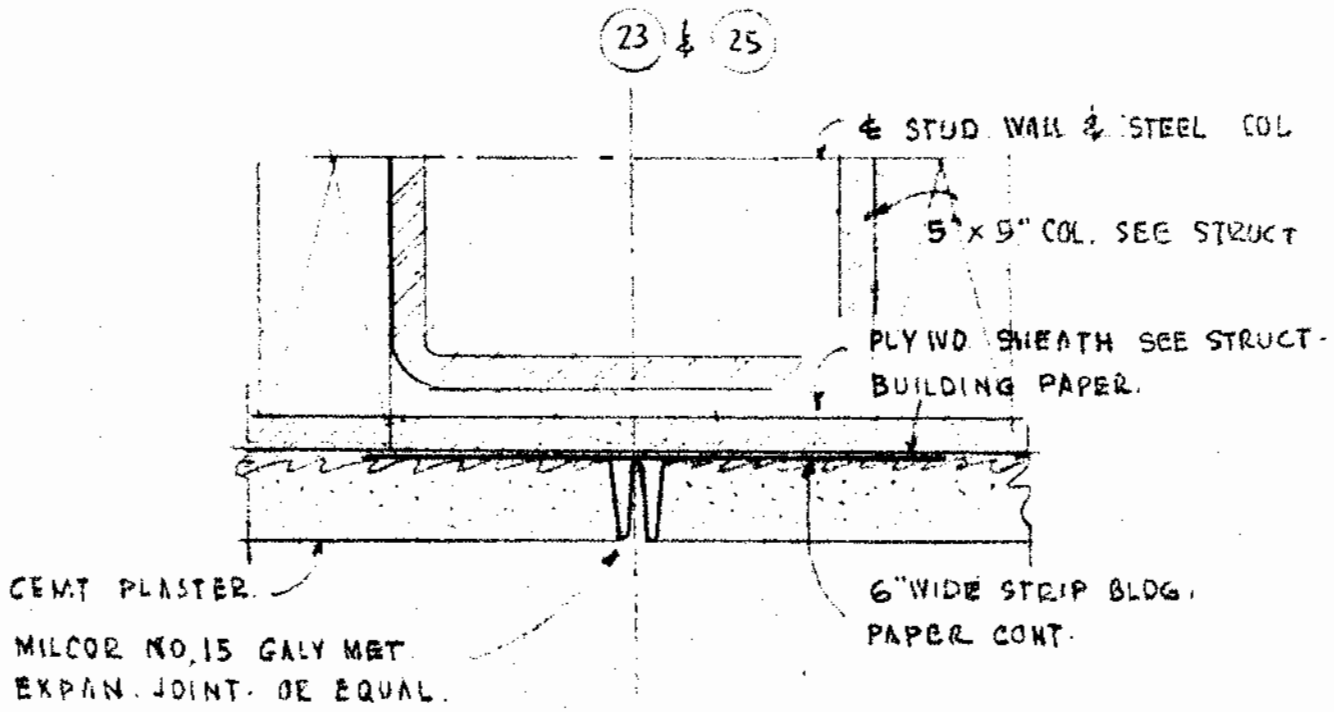
AT STUD WALL - FASTEN W/ NO 12 RHWS W/ 2" PENETRATION INTO STUD OR SOLID BLKG.

SCALE 3" = 1'-0"

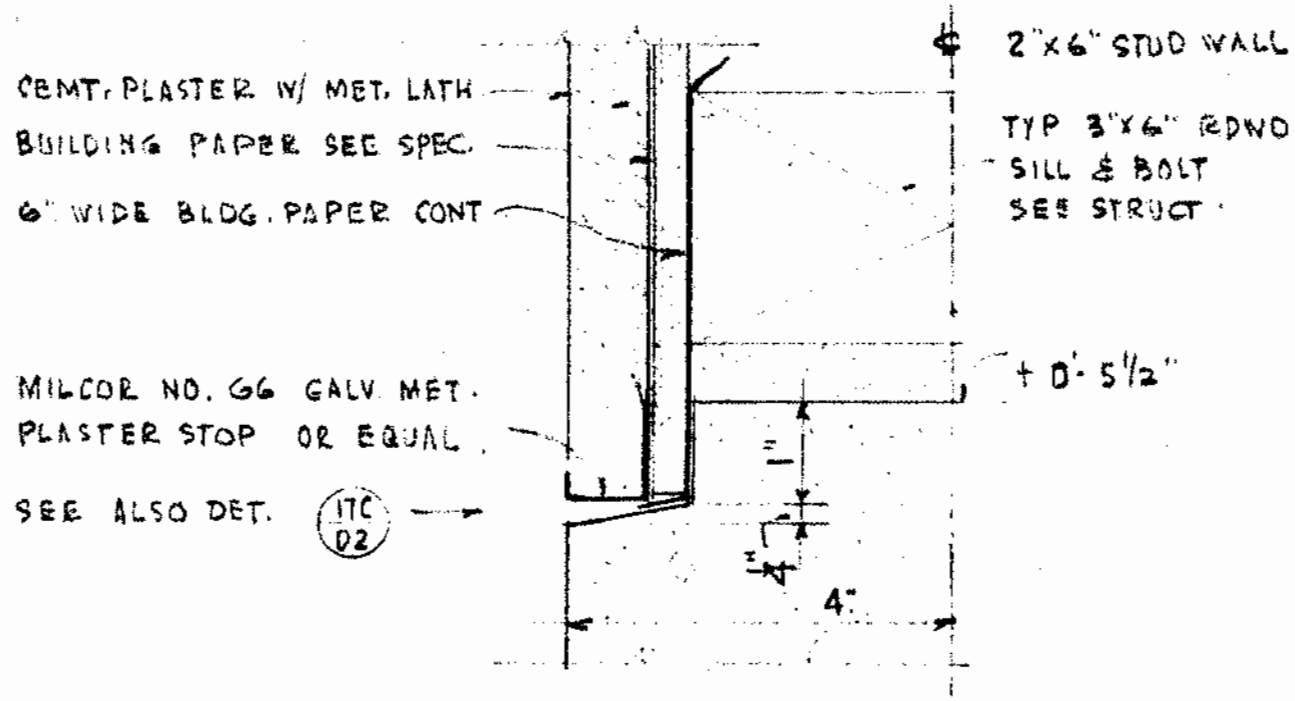
SUSPENDED PLASTER CEILING

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D6	8



(A) PLASTER EXPAN. JT.



(B) PLASTER AT SILL

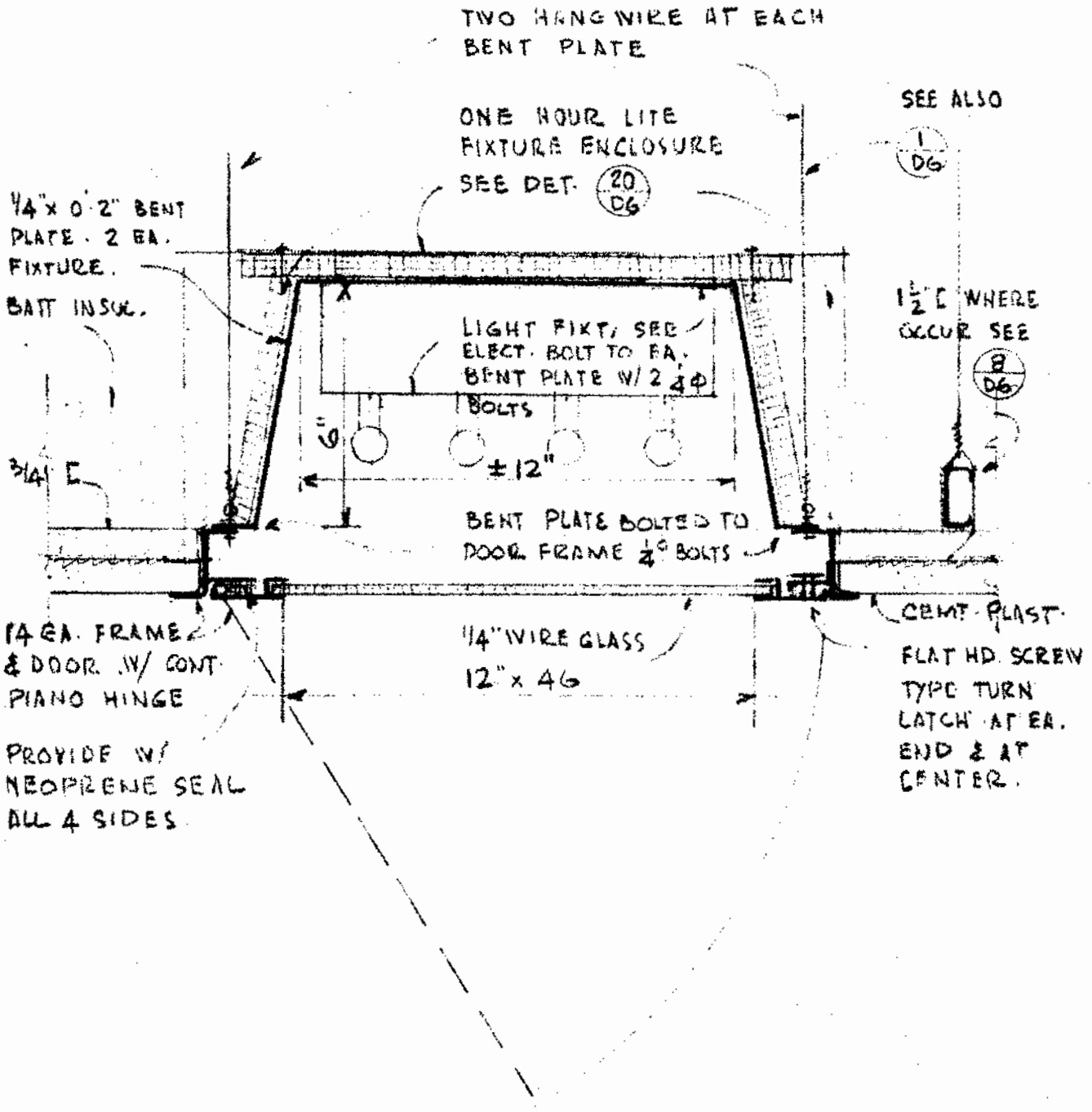
HALF SIZE

CEMENT PLASTER DETAILS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 6	9

JOB 67-12 PAGE 92

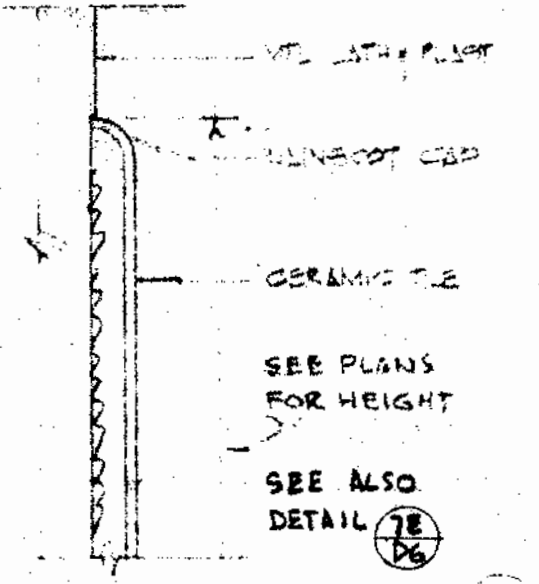


SCALE 3"= 1'-0"

PAINT BOOTH LIGHT FIXTURE

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D6	10



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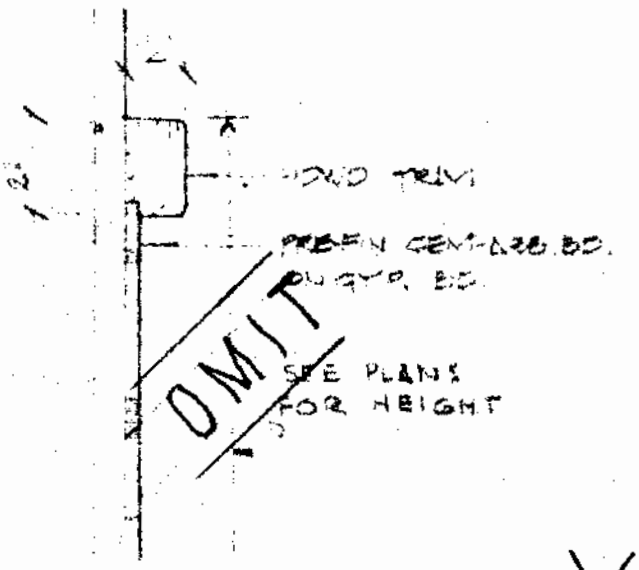

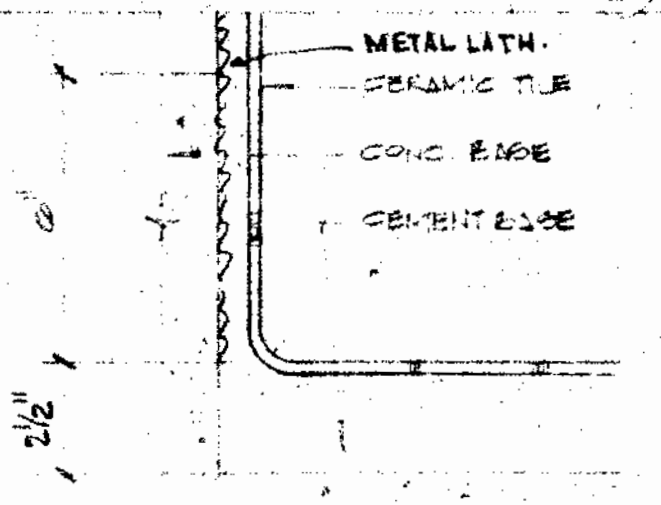

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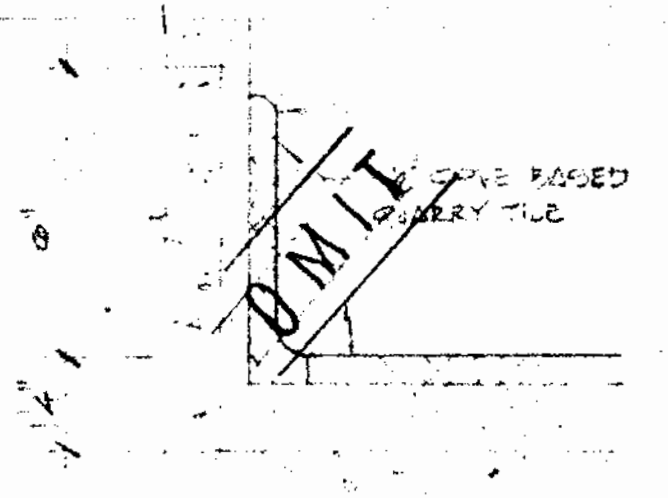


C

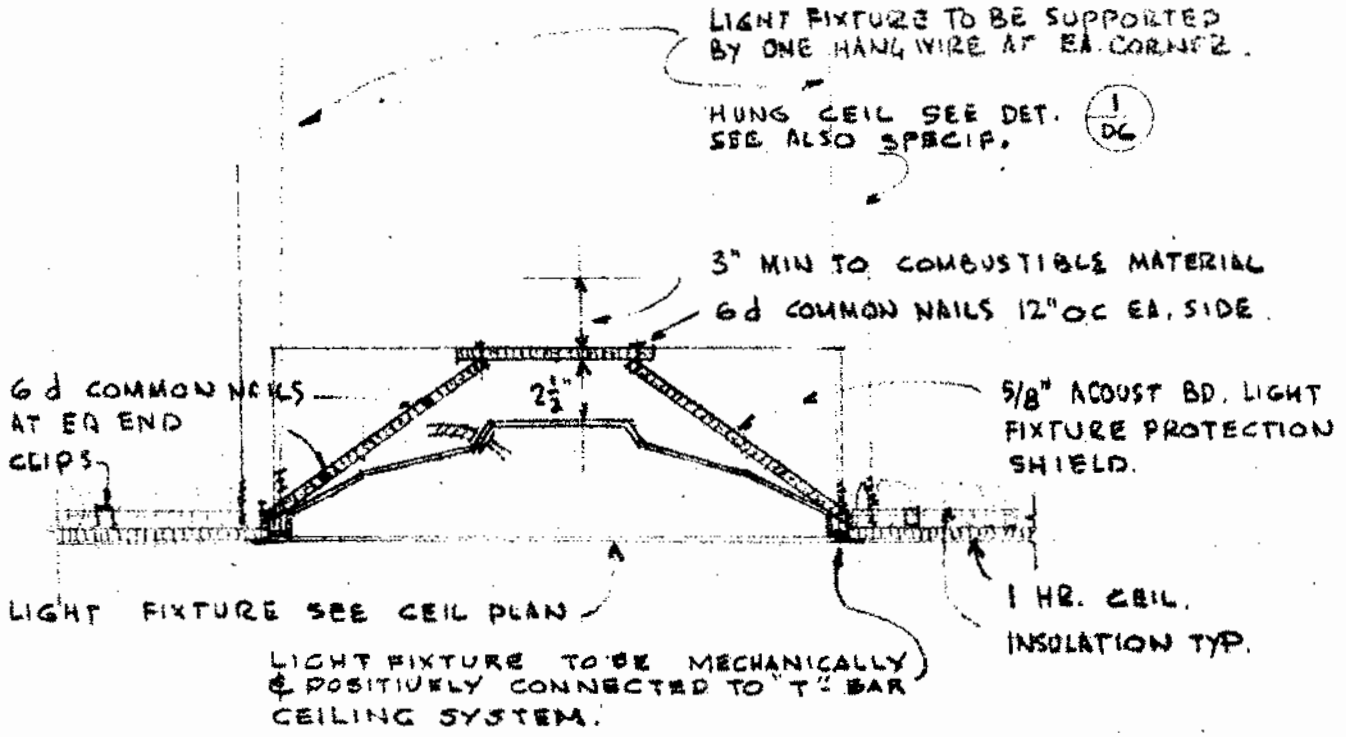
SCALE 3"=1'-0"

C07-1-R

TYP. FINISH DETAILS

D-6

17 94



LIGHT FIXTURE ENCLOSURE · IN 1 HR. CEIL.

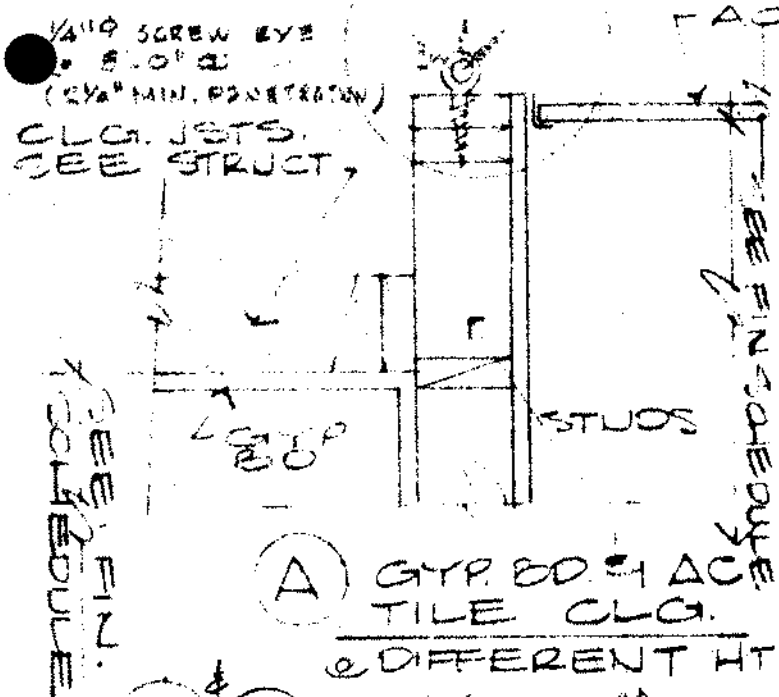
SCALE 1½" = 1'-0"

SEE ALSO THE FOLLOWING DETAILS 21B/DS & 1/DG

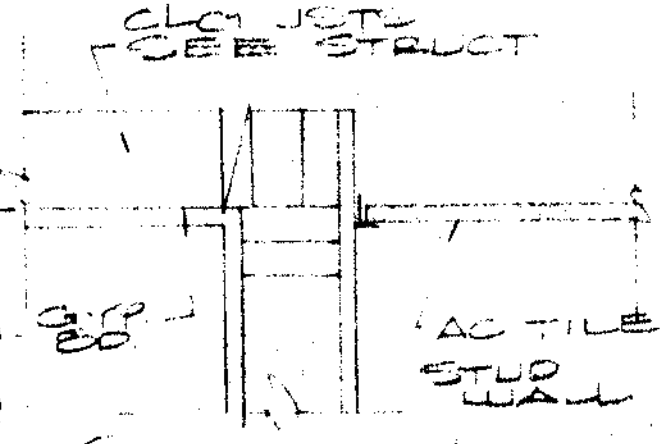
G7-1-R

20/05 21/05

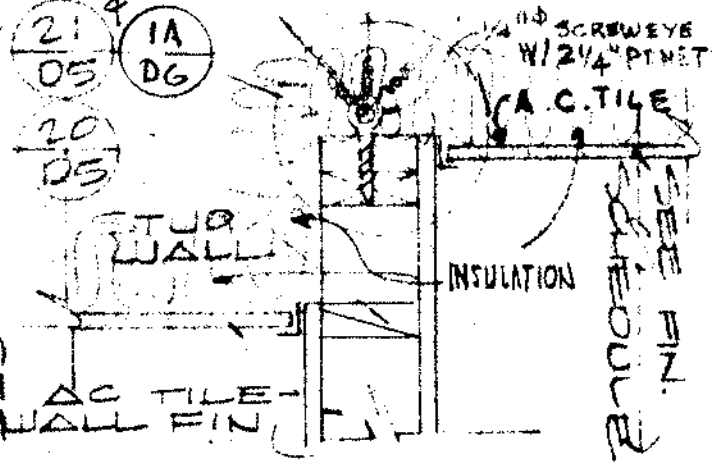
NOTE - VERIFY ON PLAN FOR CLG HTS & TYPE



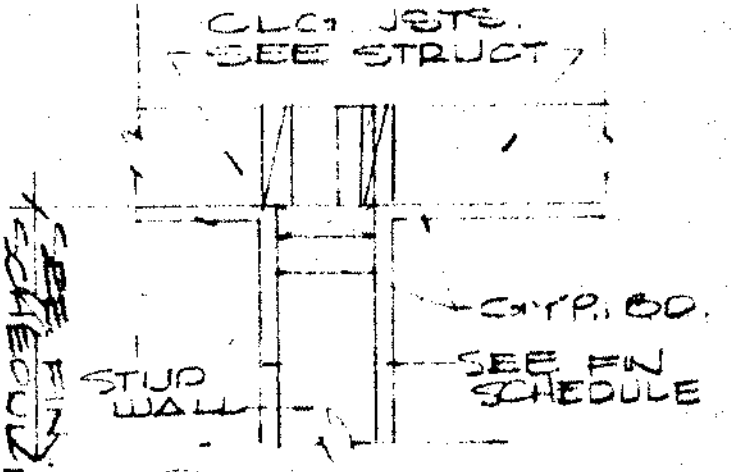
(A) GYP BD & AC TILE CLG. @ DIFFERENT HTS



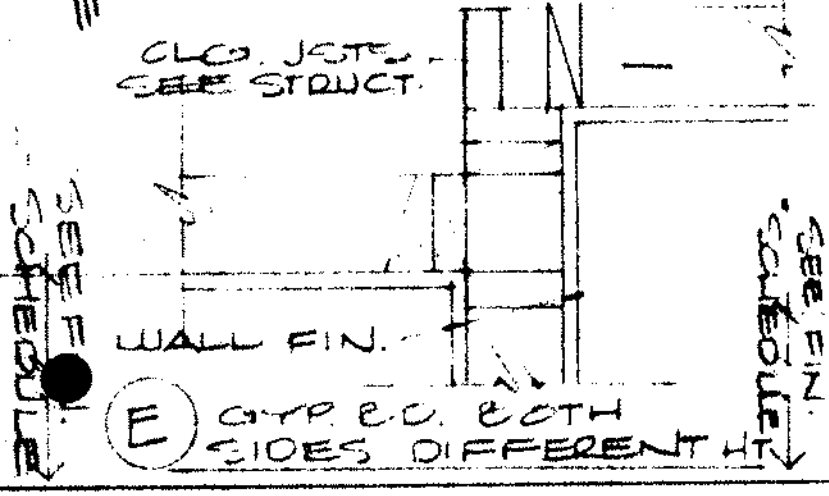
(B) GYP BD & GYP BD. CLG. @ SAME HT



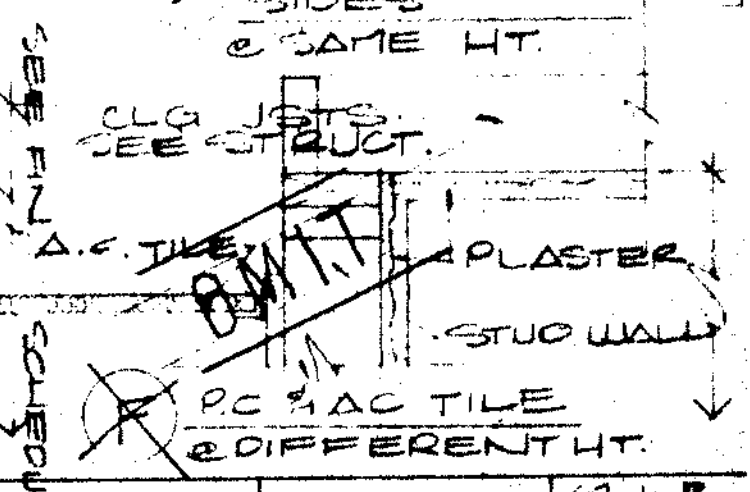
(C) AC TILE BOTH SIDES @ DIFFERENT HTS.



(D) GYP BD BOTH SIDES @ SAME HT.



(E) GYP B.D. BOTH SIDES DIFFERENT HT.



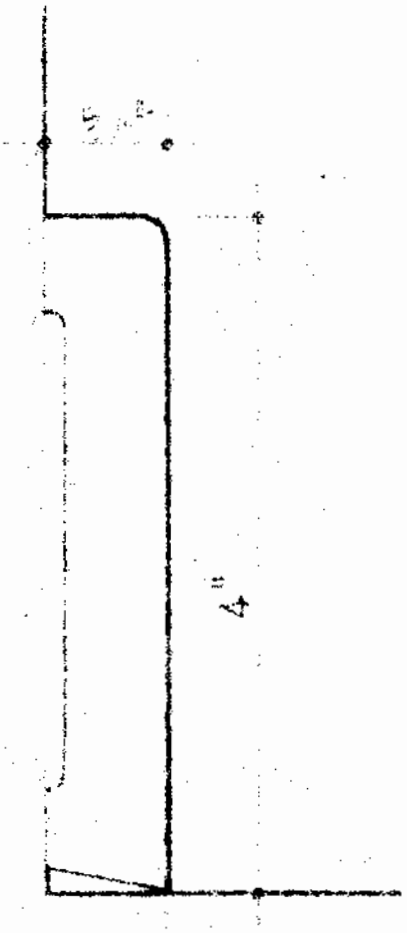
(F) P.C & AC TILE @ DIFFERENT HT.

WALL PARTITIONS & CEILINGS.

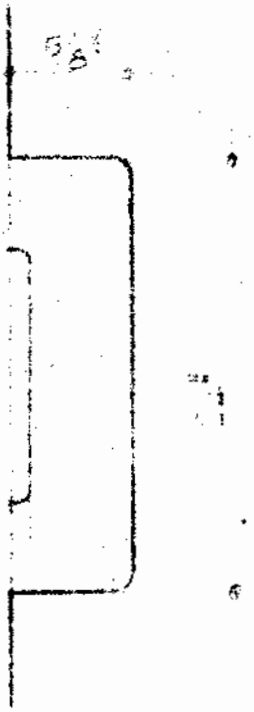
DG

67-1-R

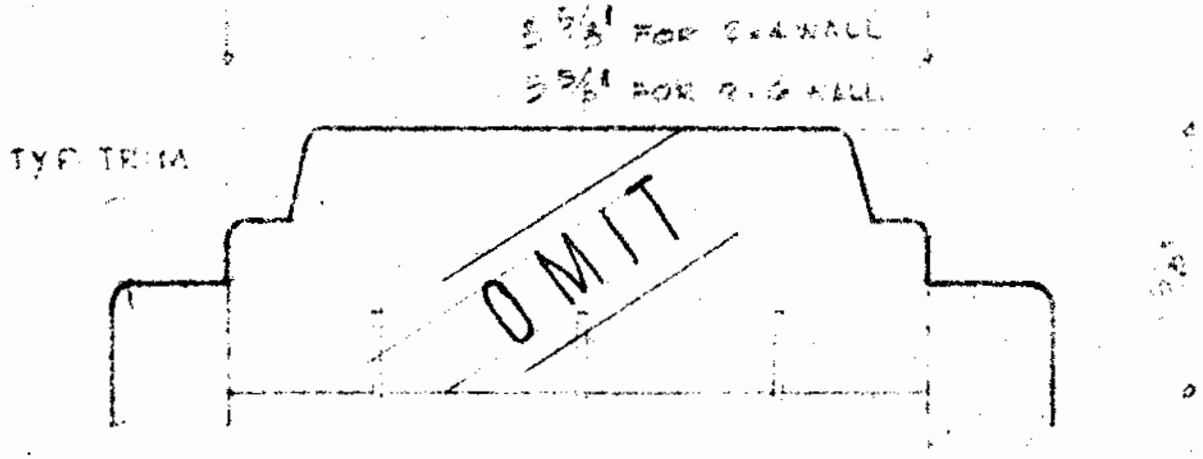
22



WOOD BASE



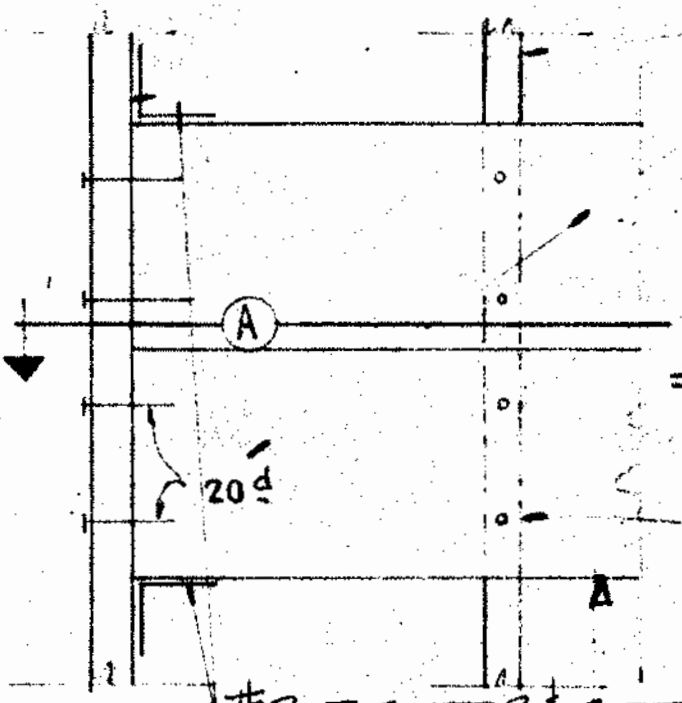
TYP TRIM



WALL CAP

FULL SIZE

TYPICAL WOOD TRIM	D-7	2

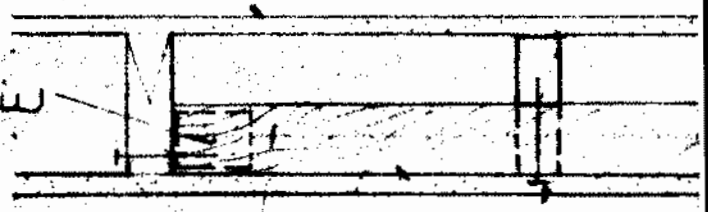


ELEVATION

TYP. 2×6 STUDS 16" OC.

2 PC. 2×10 CUT SOLID IN 2 STUD SPACES NOTCH CENTER STUD

5/8" GYP. BD.



4-20d 2 EA. 2×10 FACE NAIL LET INTO ONE STUD ONLY

#3 F.C. TOP & BOT BOTH SIDES

SECTION 'A'

NOTE:
EACH 'TV' LOCATION SHALL HAVE TWO STUD SPACES BLOCKED FOR FUTURE TV. - SEE ROOM ELEV. FOR TV. LOCATION.

SEE ROOM ELEV. FOR DIM. TO FL.

V
V

= SHOWN ON ROOM ELEVATIONS SHOW LOCATION OF TV. SUPPORT

NOTE - THIS DETAIL APPLIES FOR T.V. MONITOR LOCATIONS WHERE CALLED FOR ON DRWGS.

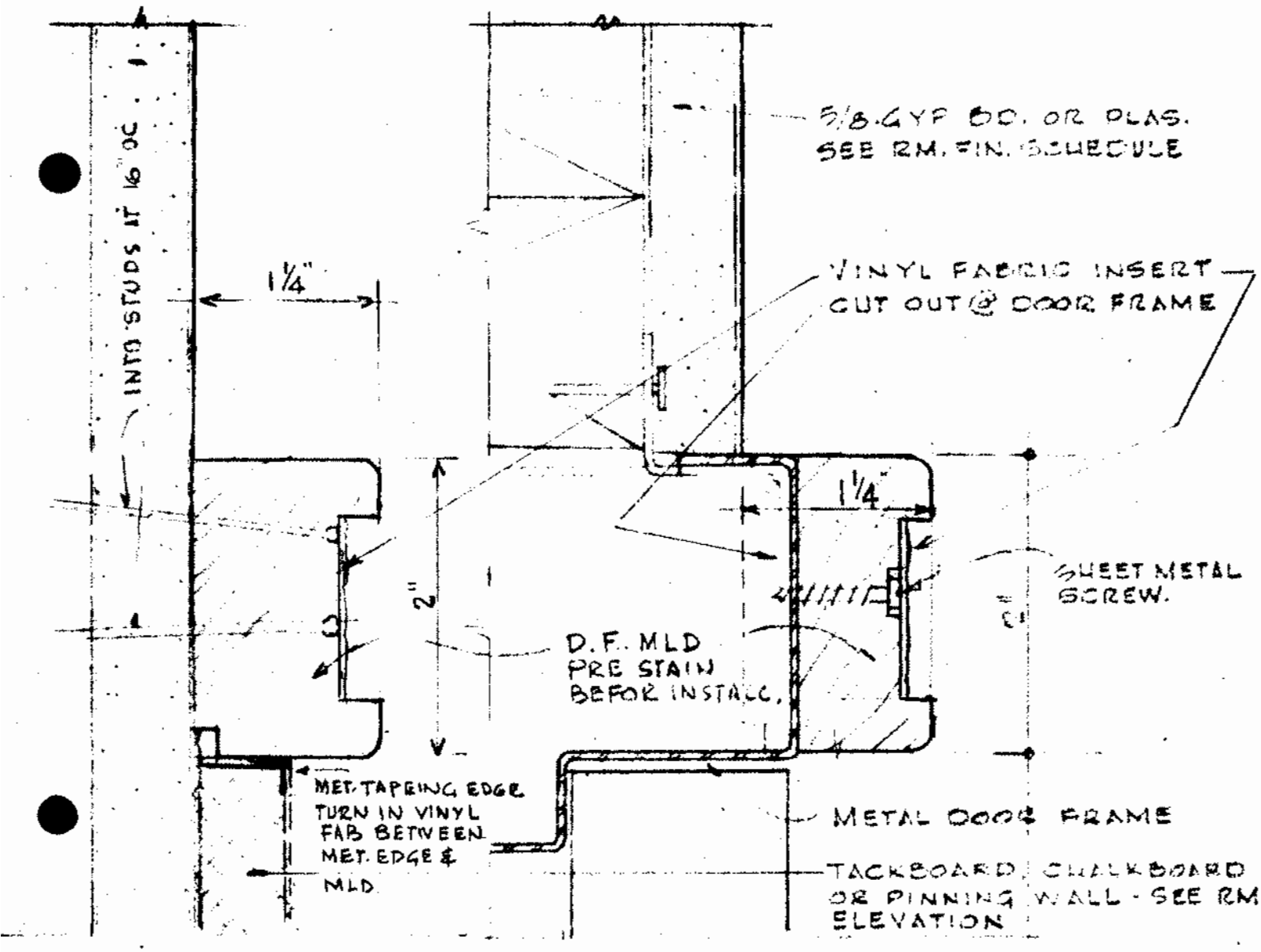
SCALE: 1½" = 1'-0"

BLOCK SUPPORT FOR FUTURE 'TV' (SEE RM ELEV.)

D 7

10

67-1R 98



TYP. PICTURE MOULD

(A)

PICTURE MOULD @ DOOR HEAD

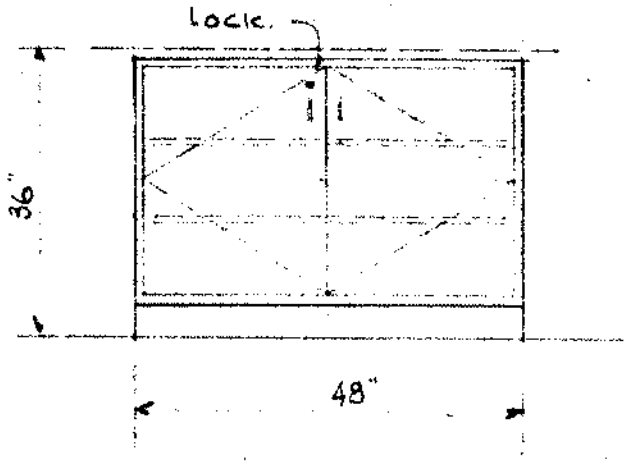
(B)

G7-1-R

FULL SIZE

PICTURE MOULD. DET. | D·7 | 14

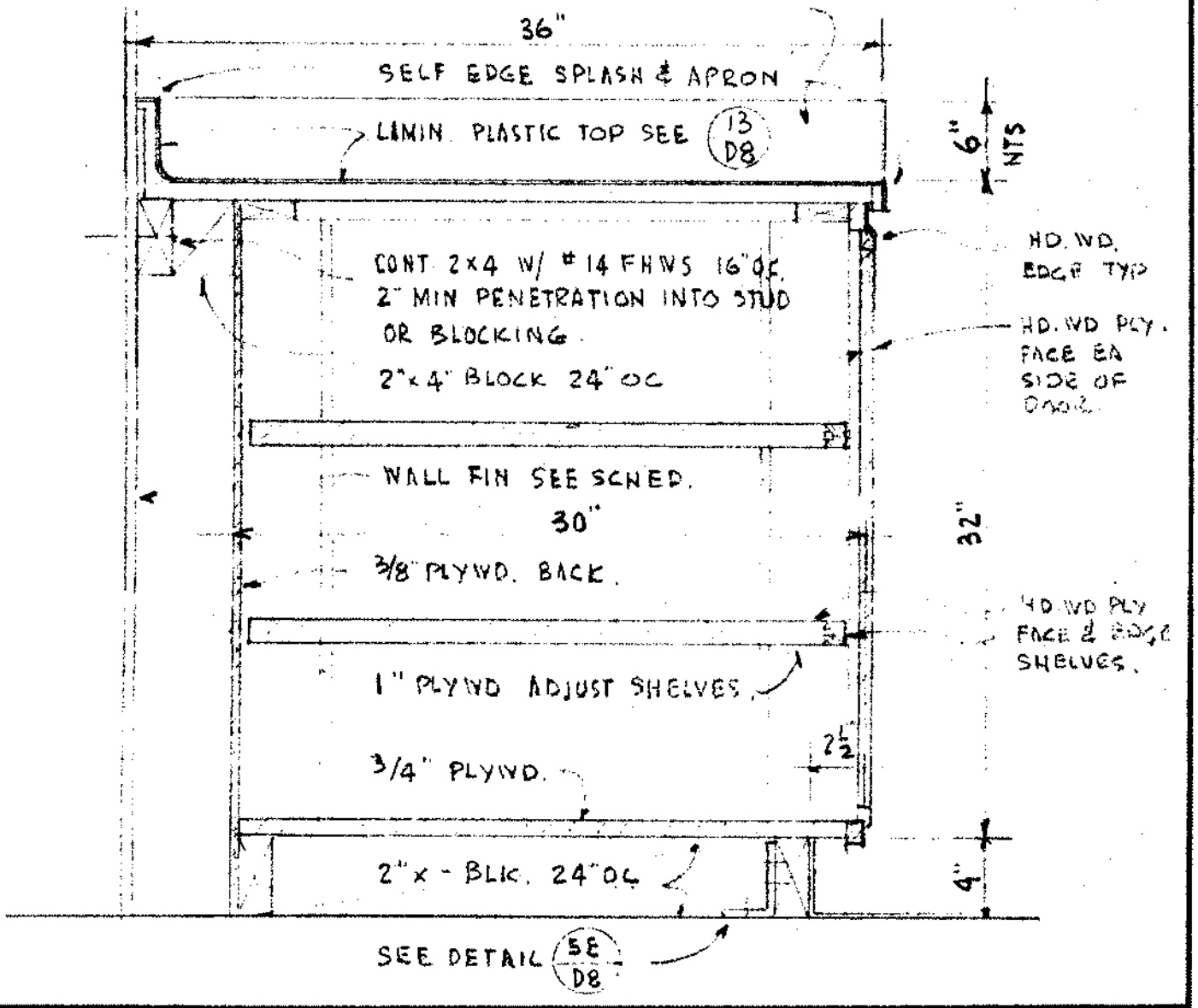
99



MC-1

NOTE: SEE ALSO TYPICAL DETAILS ON (5/D8)

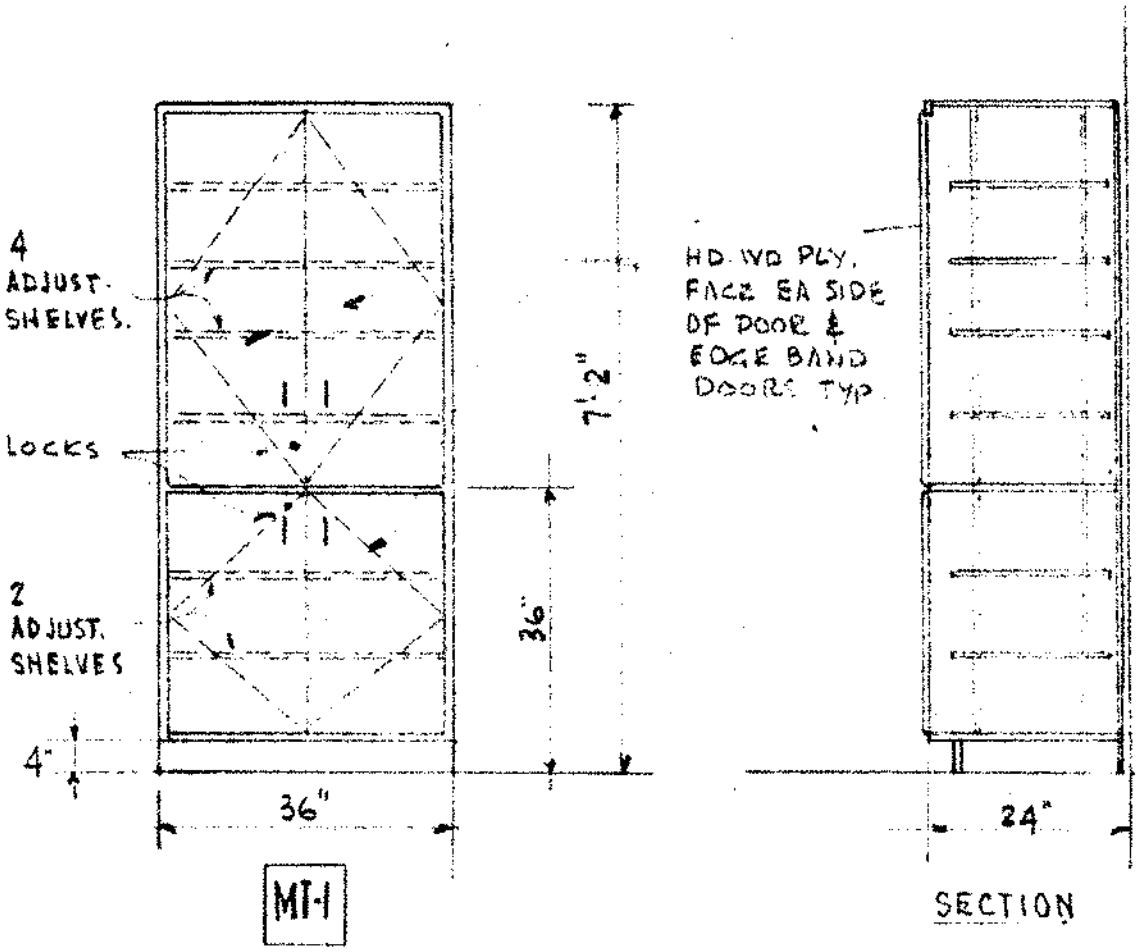
RETURN SPLASH AT FIN. WALL TYP



MILL BUILT CABINET

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 8	1



SEE CONSTRUCTION & FASTENING DETAILS ON (5/D8)

SCALE 1/2" = 1'-0"

MILL BUILT CABINET

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 8	2

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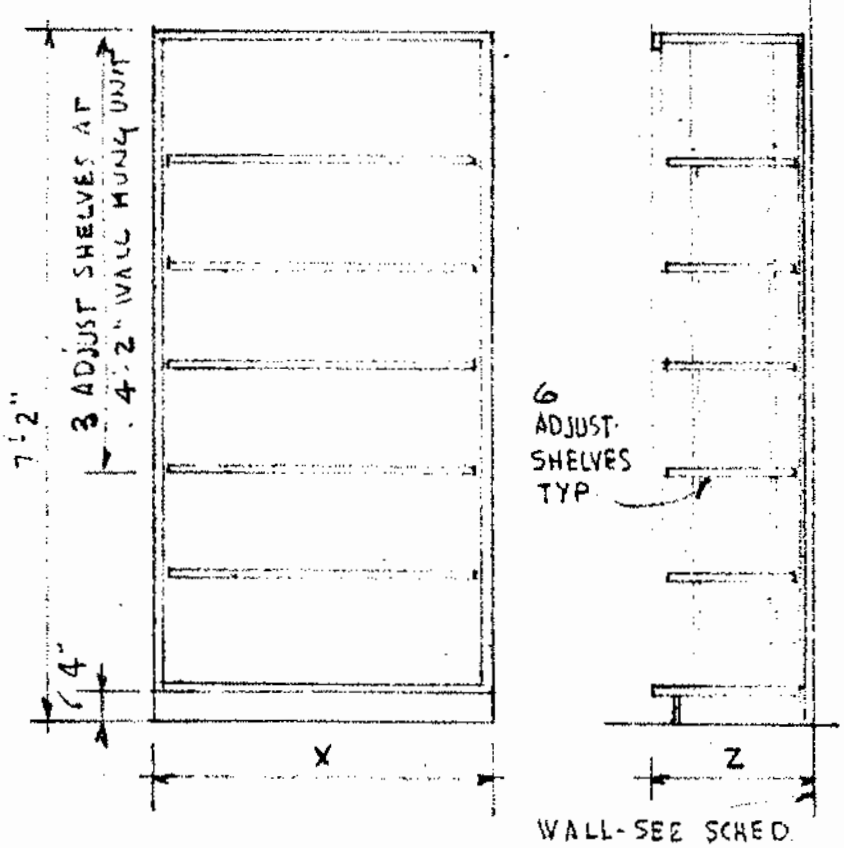
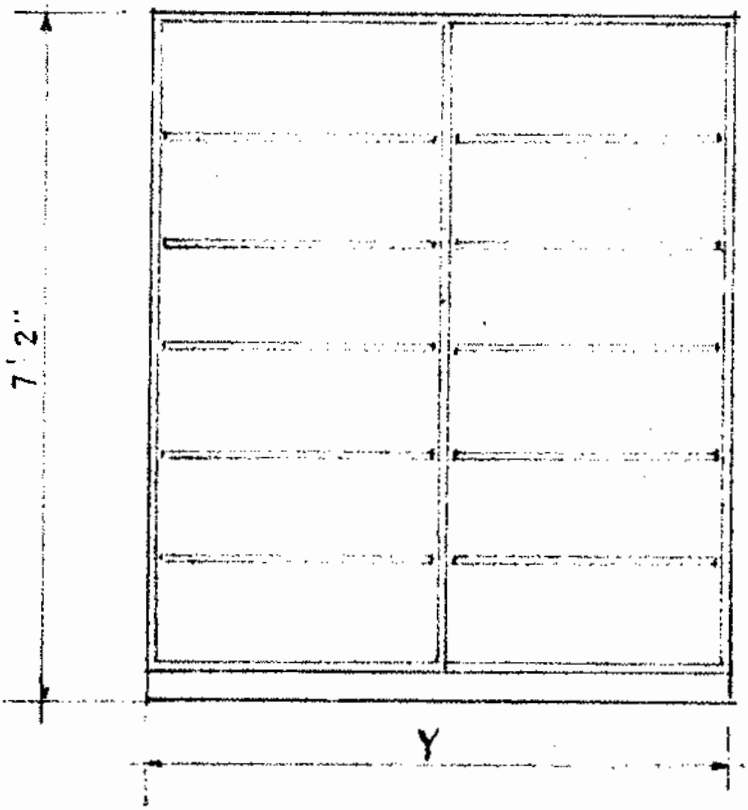


	X	Z
MT-2	4'-0"	18"
MT-3	4'-0"	24"
MT-8	3'-0" x 4'-2" HIGH	12"
MT-7	3'-10" x 4'-2" HIGH SEE (10/D9) WALL HUNG.	12

NOTE

SEE CONSTRUCTION & FASTENING DETAILS ON (5/D8)



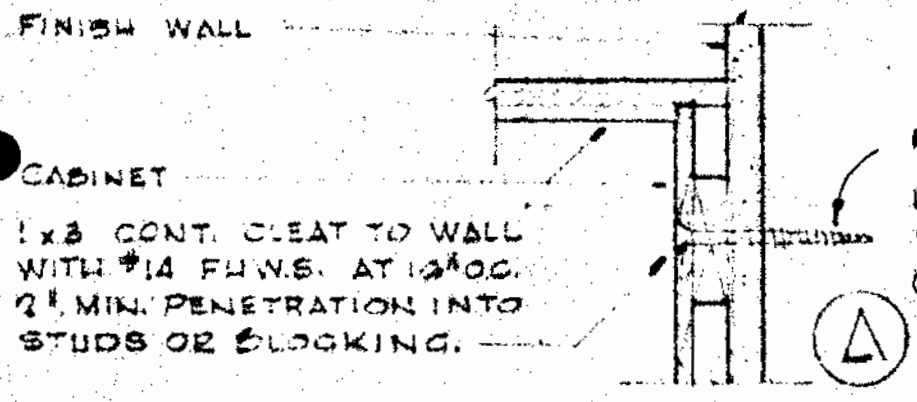
	Y	Z
MT-4	5'-0"	18"
MT-5	6'-0"	12"
MT-6	8'-0"	24"
MT-9	SEE (11/D8)	
MT-1	SEE (2/D8)	
MT-10 MT-11	SEE (4/D8)	

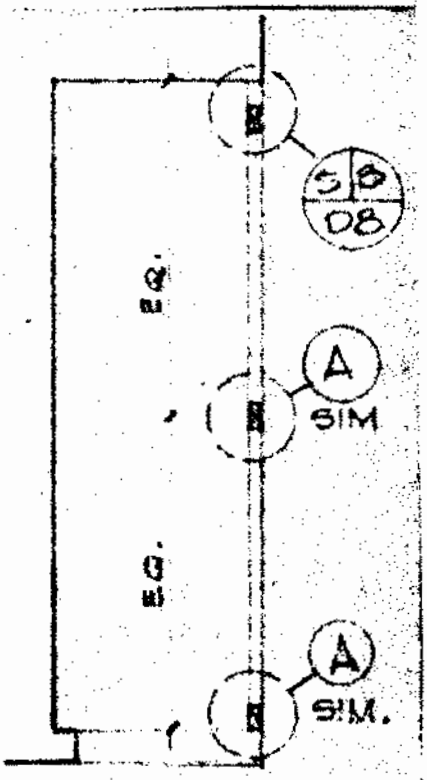
SCALE $\frac{1}{2}$" = 1'-0"

MILL BUILT CABINETS

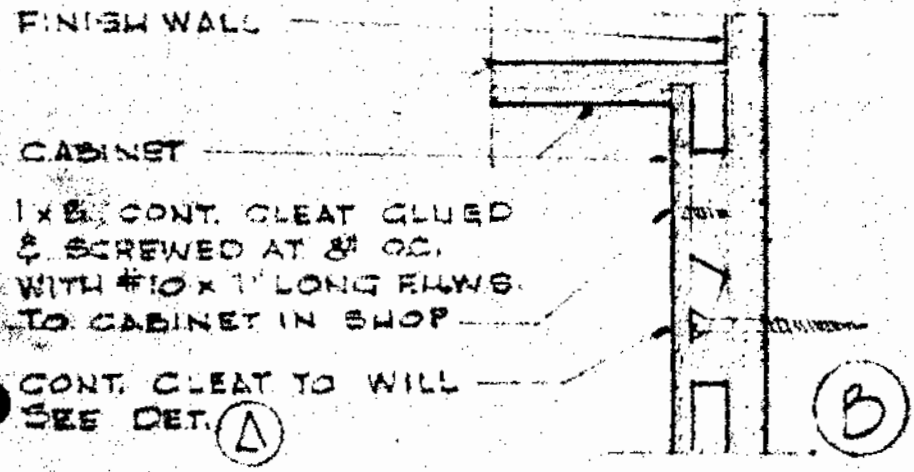
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

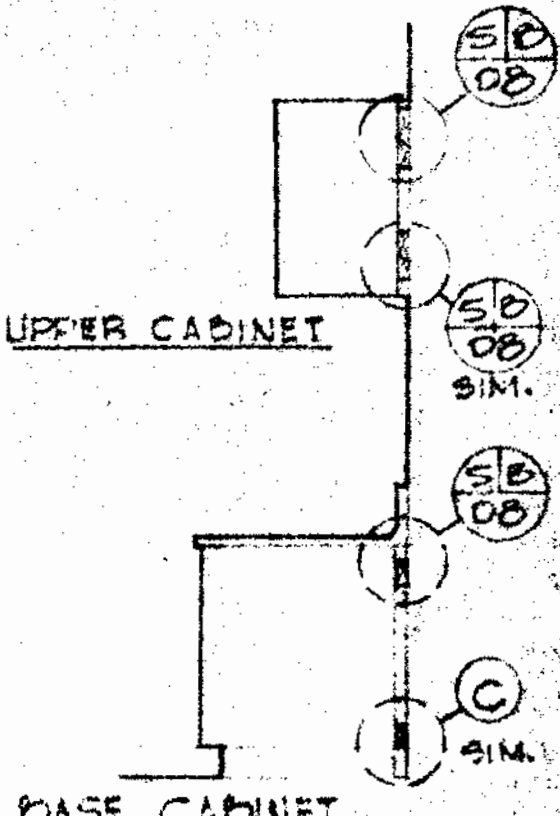
GROUP	DETAIL
D8	3



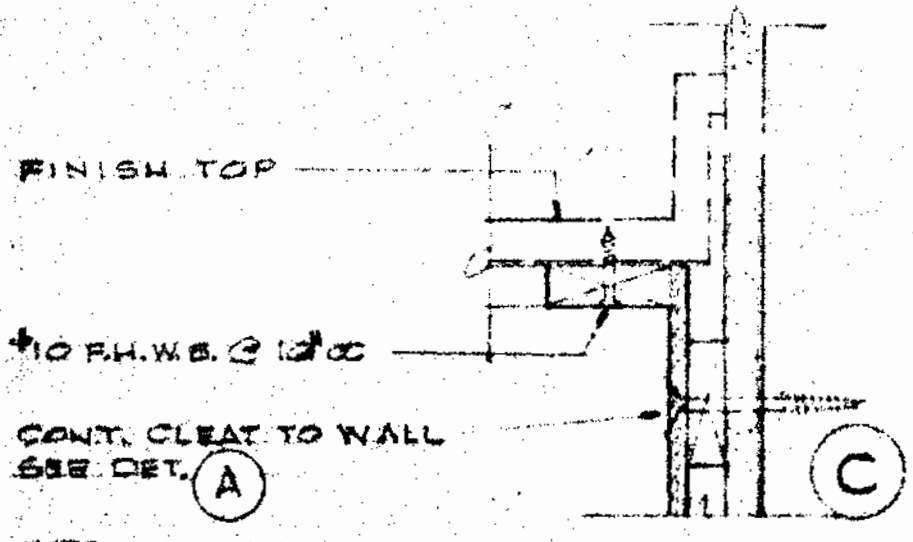


FULL HEIGHT CABINET





UPPER CABINET



BASE CABINET

NOTES

ALL CASEWORK SHALL BE SECURELY FASTENED TO THE BLDG STRUCT (U.O.N.)

C-1 | T-1 | N-1 PRE FIN. CABS | MC1 | MT-1 MILL BUILT CABS

SCALE 3" = 1'-0"

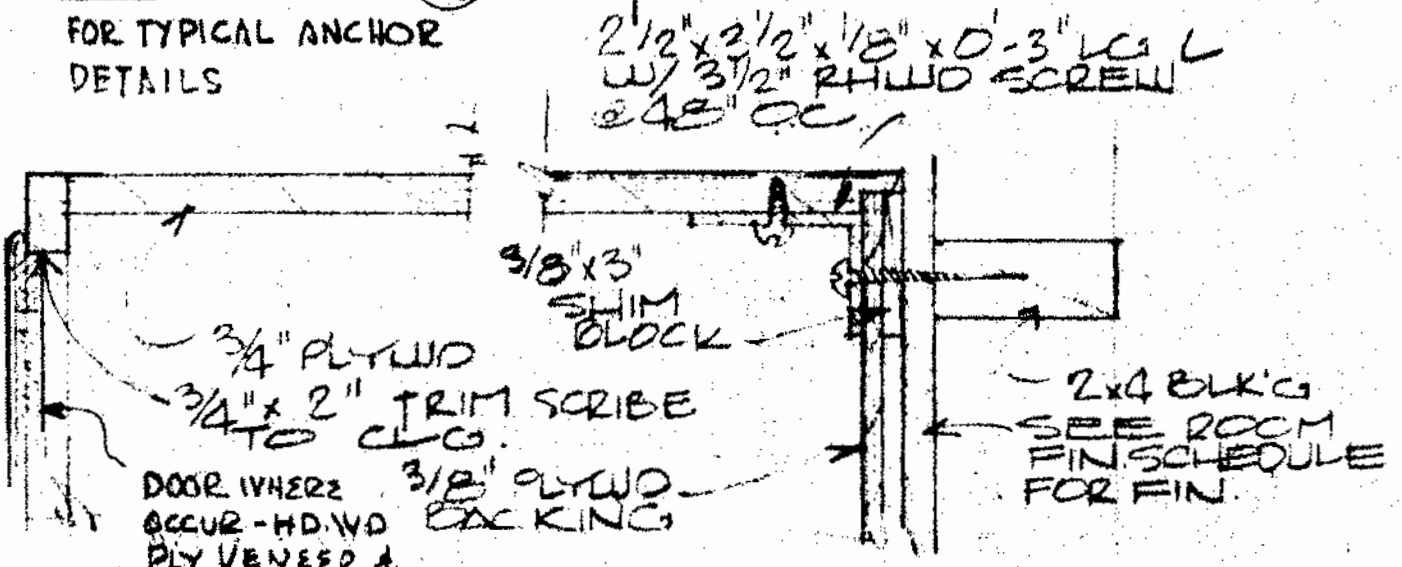
TYPICAL WALL ANCHOR DETAILS FOR CABINET WORK

D-8

4

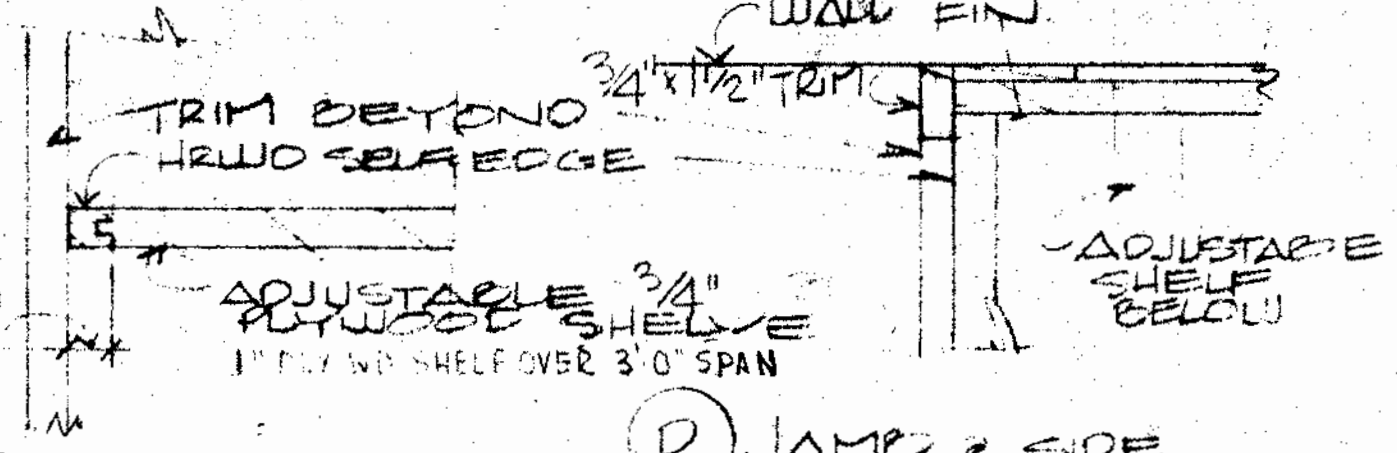
103

NOTE SEE ALSO (4/D8) FOR TYPICAL ANCHOR DETAILS



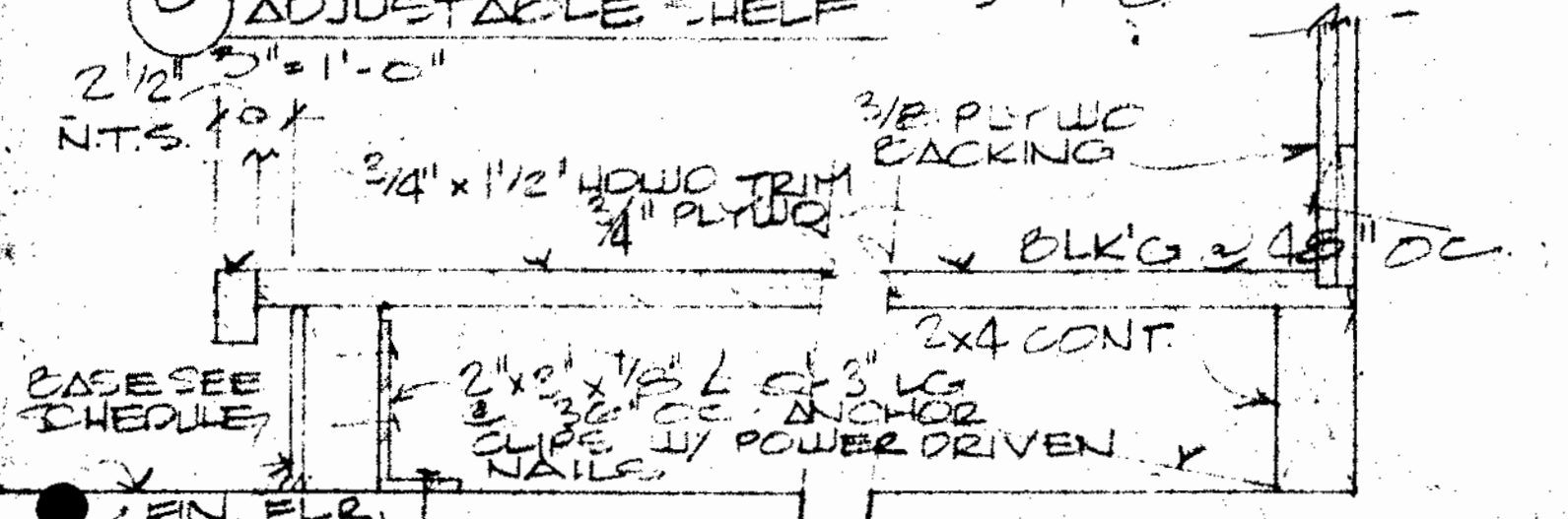
A HEAD FRONT
3" = 1'-0"

B HEAD REAR
3" = 1'-0"



C ADJUSTABLE SHELF
3" = 1'-0"

D JAMB @ SIDE
3" = 1'-0"



E BASE @ FRONT
3" = 1'-0"

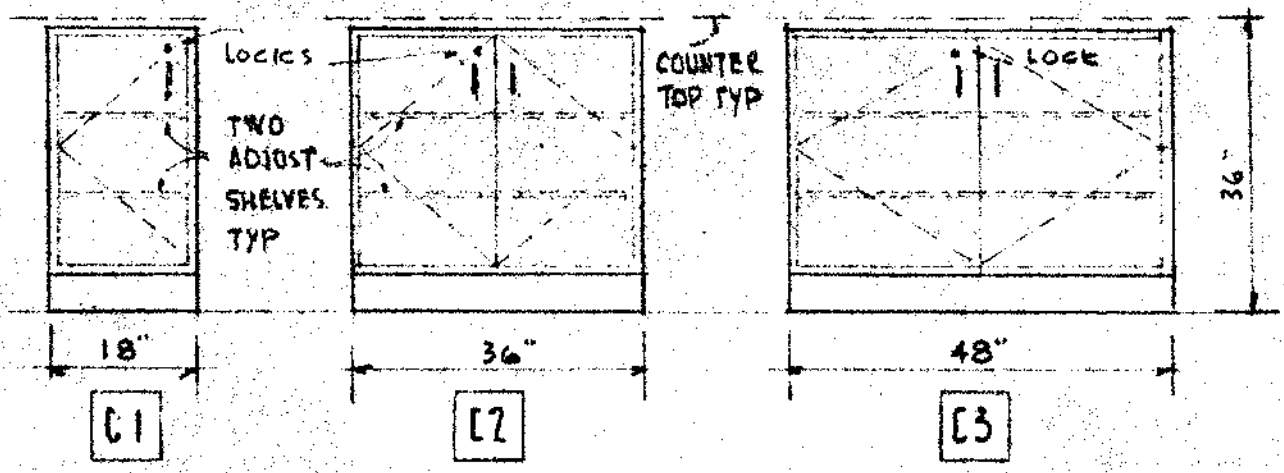
F BASE @ REAR
3" = 1'-0"

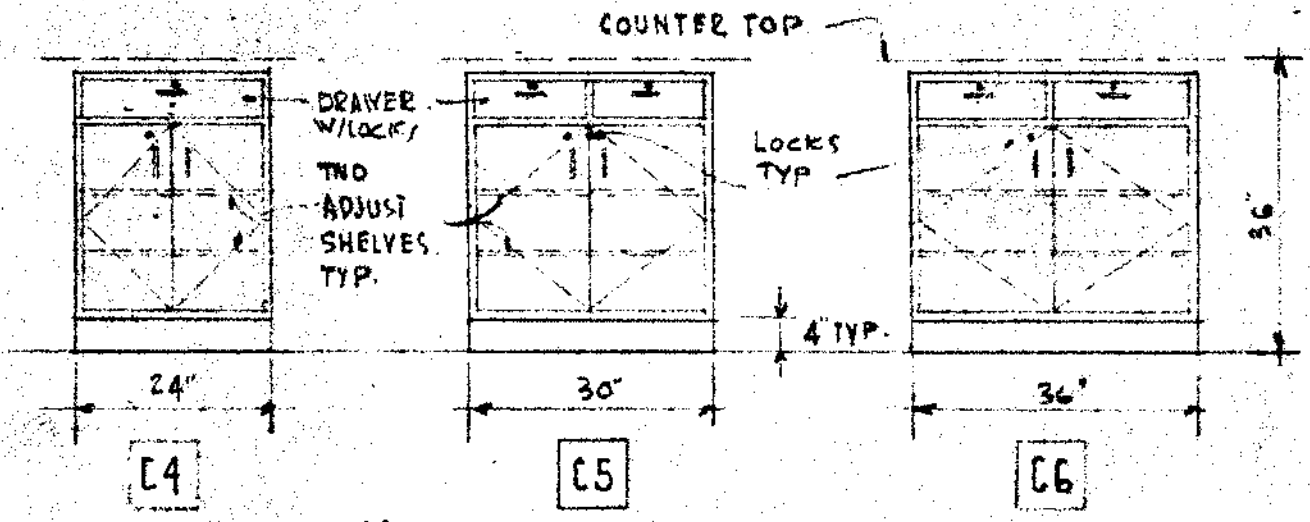
07-1-R

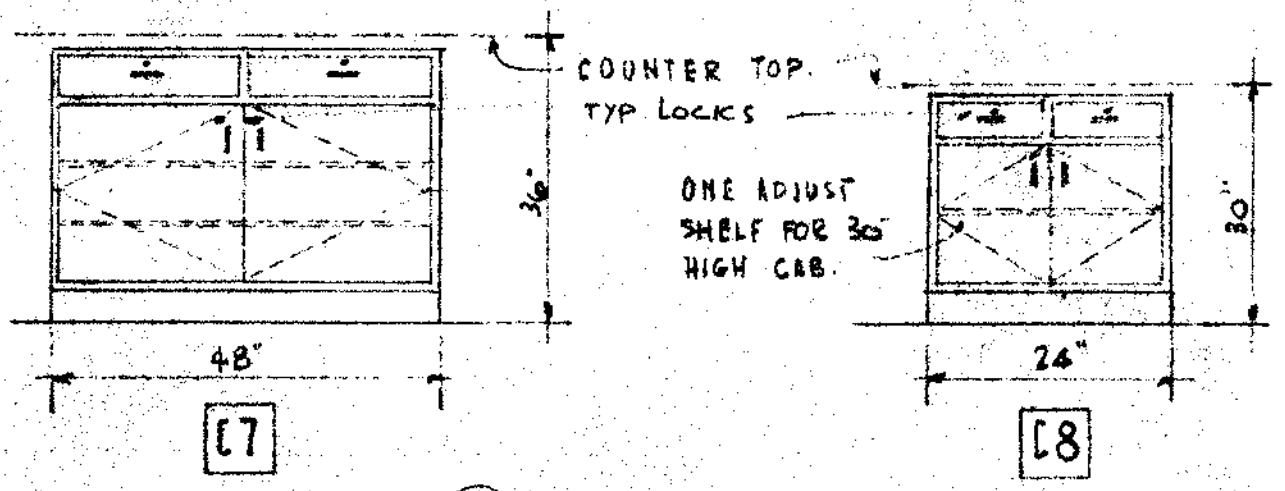
MILL BUILT CABINET DETAILS

D-63

NOTE: CABINETS ARE 23½± DEEP. WHEN UNDER 30" COUNTERS PROVIDE 30" FINISHED END PANEL AT EXPOSED CABINET ENDS.
CABINET DIMENSIONS ARE MODULAR - VERIFY WITH CAB USED







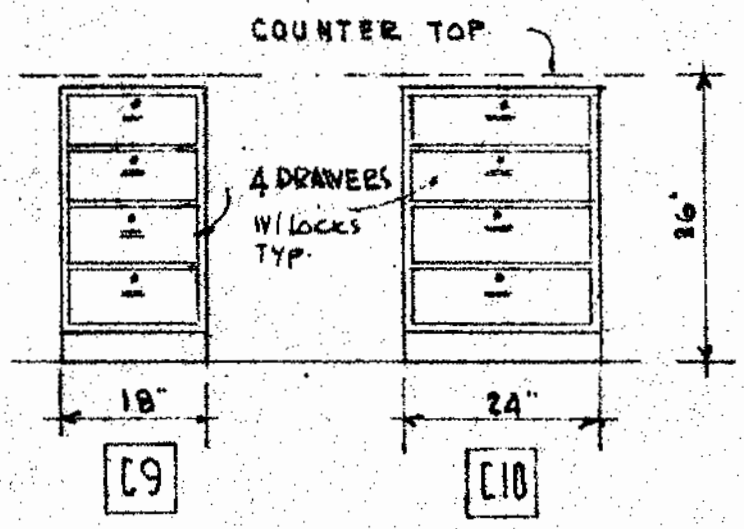
NOTE SEE DETAIL (4/D8) FOR FASTENING CABINETS TO STRUCTURE

SCALE ½" = 1'-0"

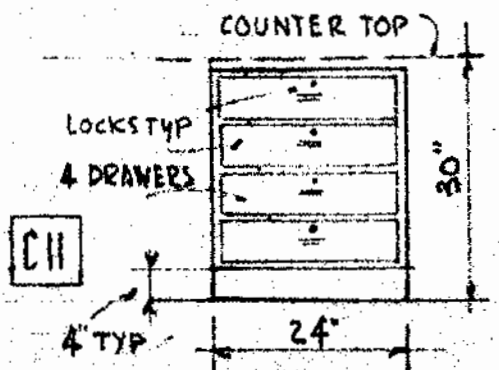
PRE FINISH WOOD CABINETS

GROUP D 8 | DETAIL 6

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

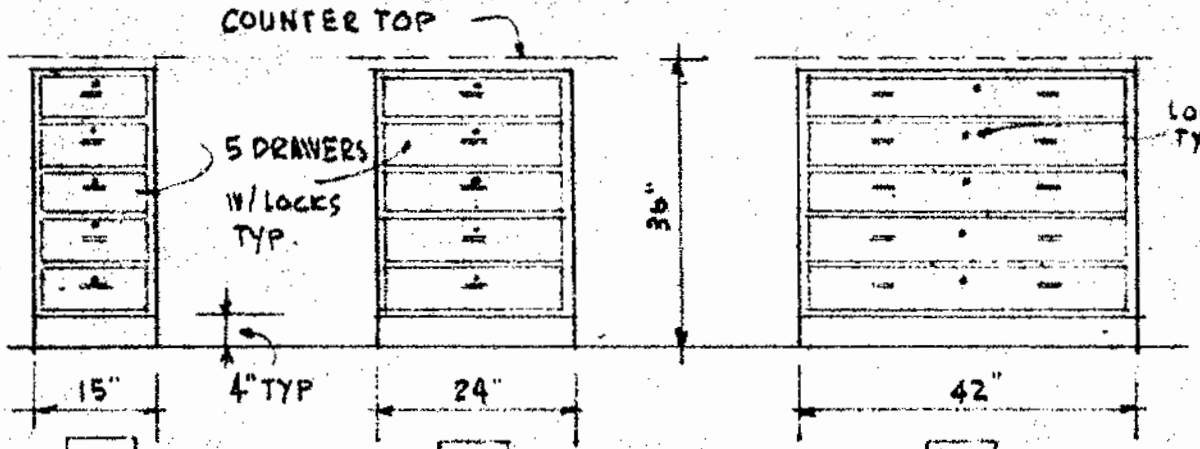


C9 C10

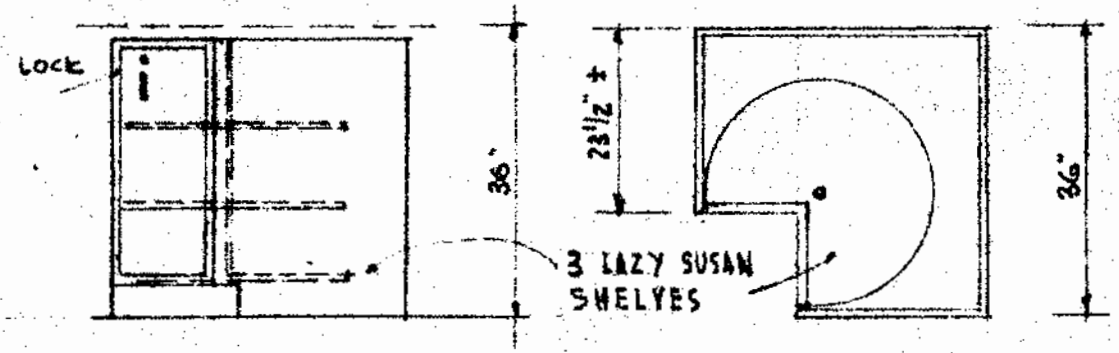


C11

NOTE: CABINETS C9 THRU C13 ARE 23½"± DEEP



C12 C13 C14



ELEVATION C15 PLAN

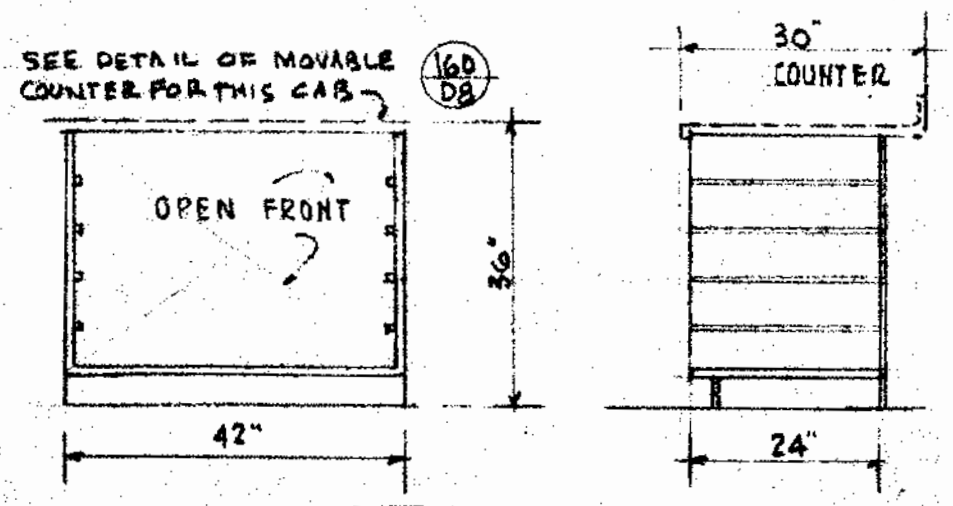
SEE ALSO NOTES ON DETAIL 6/D8

SCALE 1/2" = 1'-0"

PRE-FINISH WOOD CABINETS

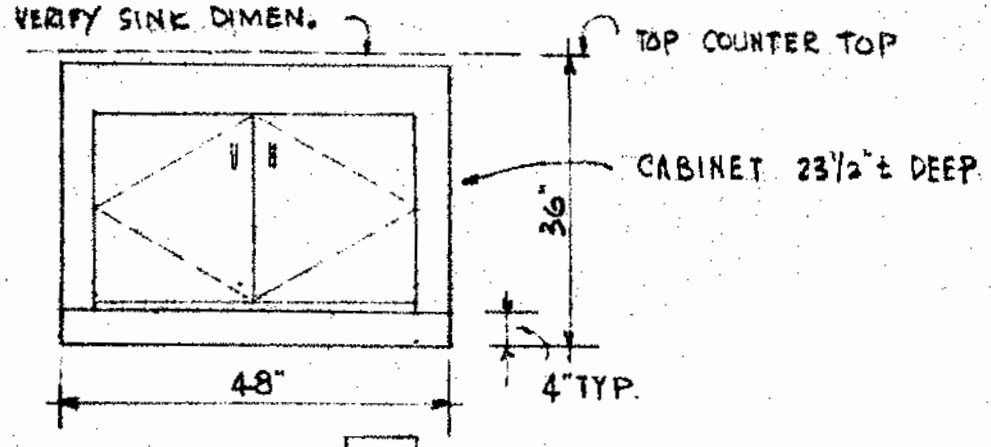
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D8	7

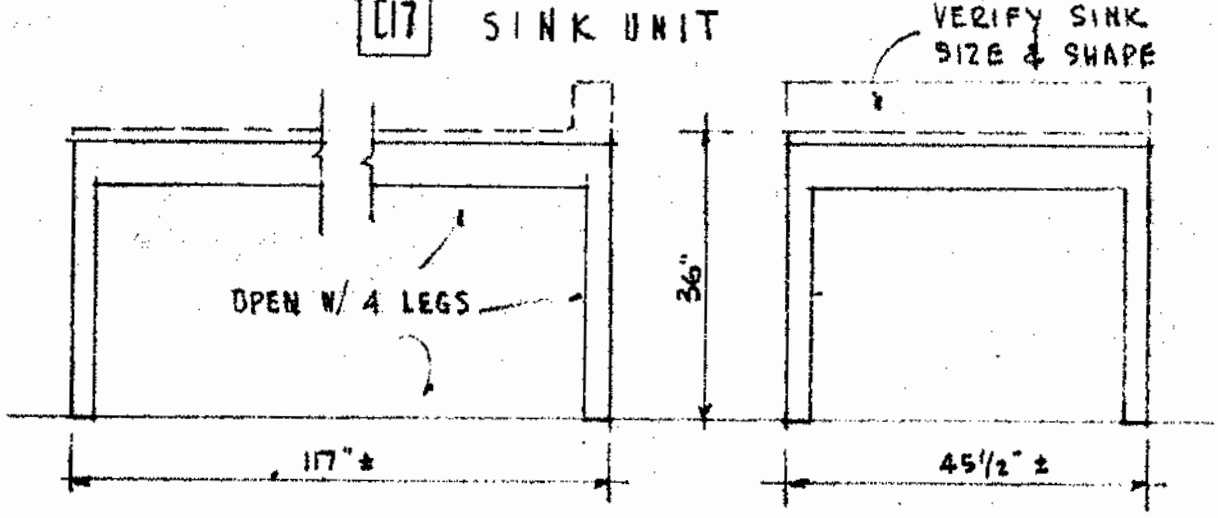


NOTE 24 DEEP CABS SET UNDER 30" COUNTER. PROVIDE 30"↓ WIDE SIDE PANEL AT EXPOSED ENDS - TYP

C16 ADJUSTABLE EASELS UNIT



C17 SINK UNIT



C18 SINK UNIT

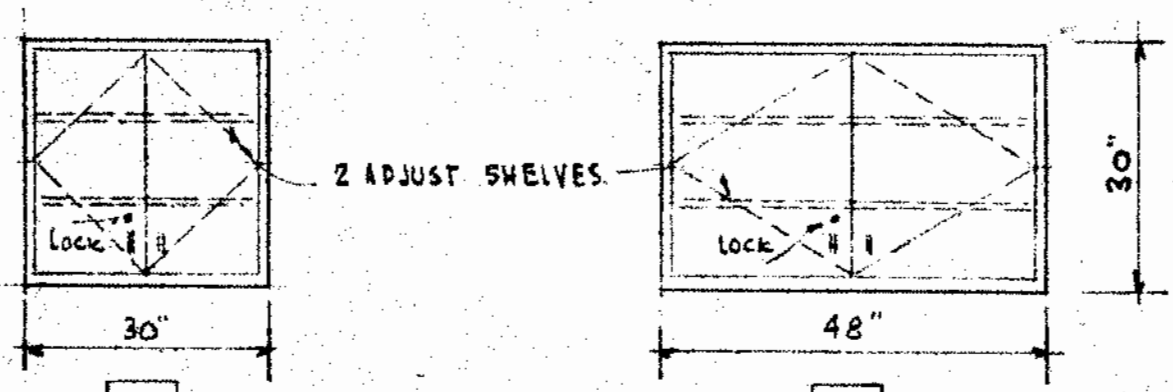
SEE ALSO NOTES ON DETAIL 6/D8

SCALE ½" = 1'-0"

PRE-FINISH WOOD CABINETS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D8	8



W1

W2

WALL CABINETS 13" ± DEEP.

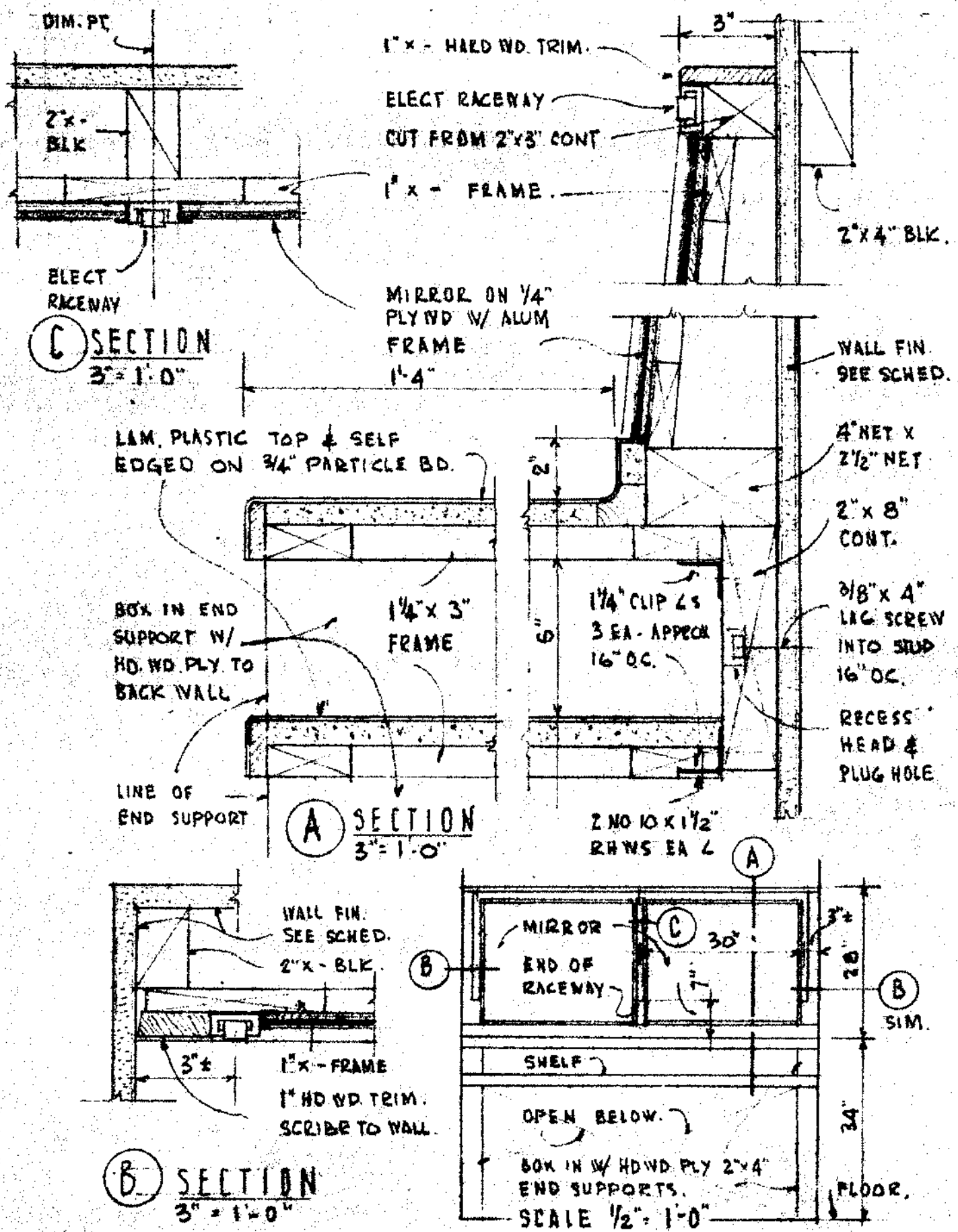
SEE DETAIL (4/D8) FOR FASTENING CABINET TO STRUCTURE.

SEE ALSO NOTES ON (6/D8)

PRE-FINISH WOOD CABINETS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D8	9



(C) SECTION
3" = 1'-0"

(A) SECTION
3" = 1'-0"

(B) SECTION
3" = 1'-0"

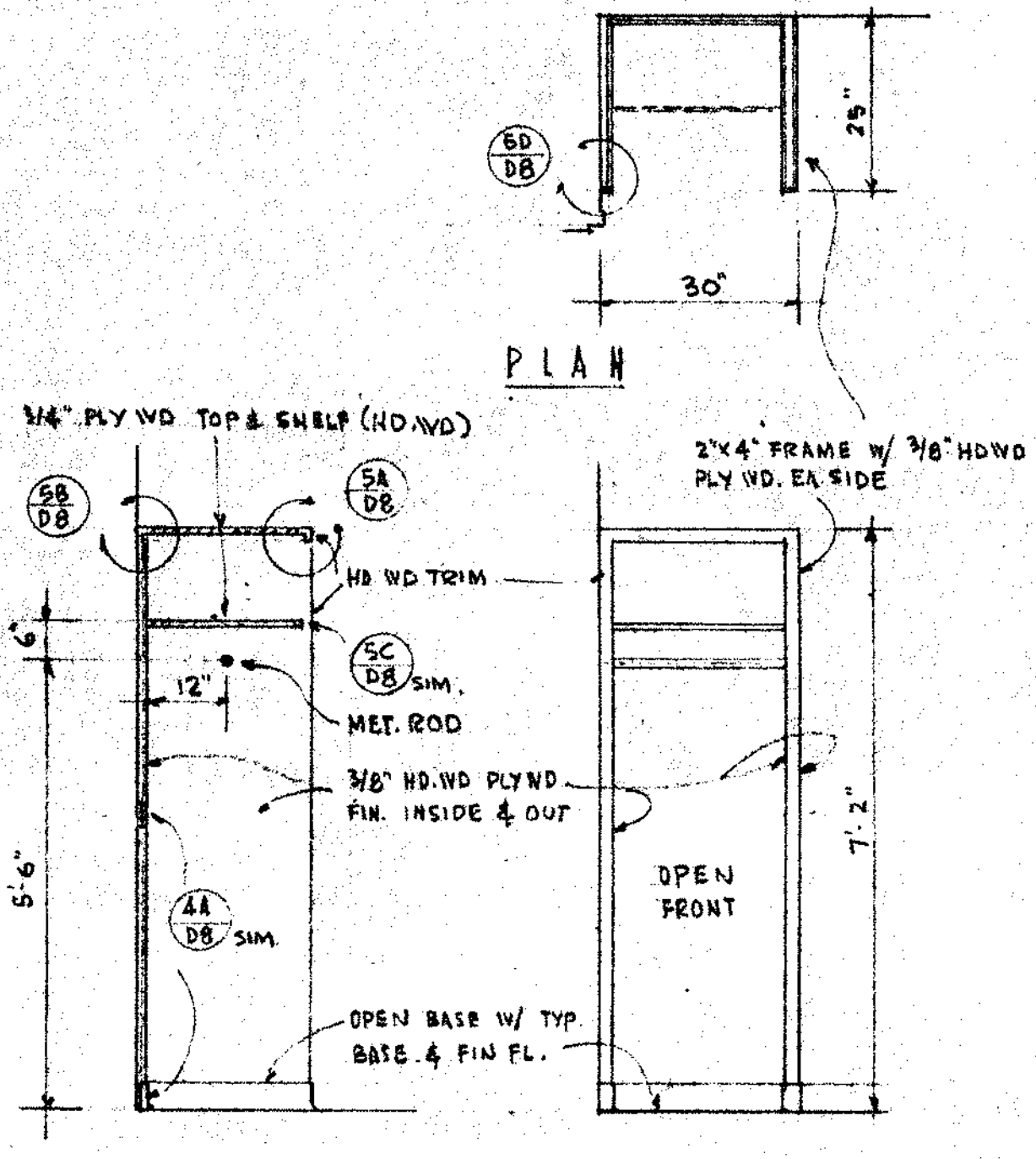
SCALE 1/2" = 1'-0"

MAKE-UP TABLE

MC-2

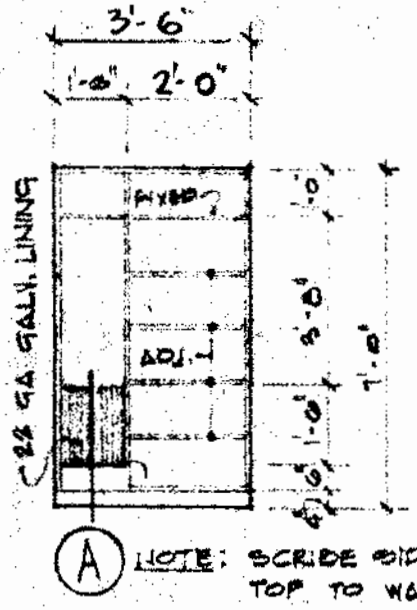
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 8	10



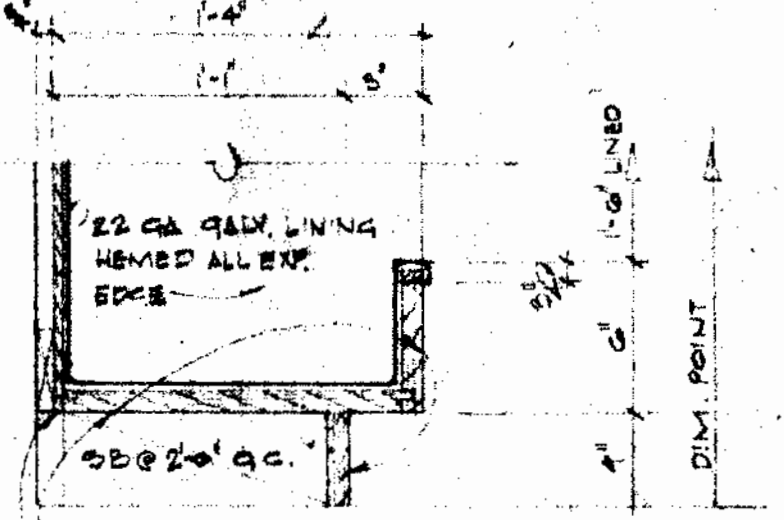
CLOTHES CLOSET	MT-9	GROUP D13	DETAIL 11

HELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



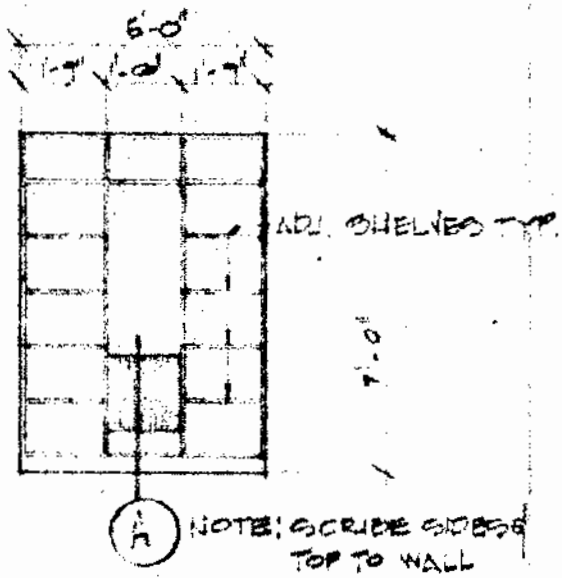
(A) NOTE: SCRIBE SIDES & TOP TO WALL

MT11



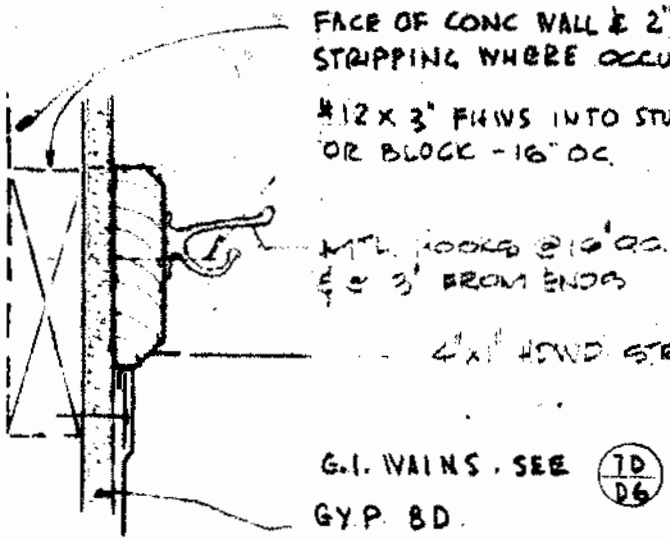
¾" PLY. SIDES, TOP, FRONT & TOE SPACE
¼" PLY. BACK.

(A) SCALE 1½" = 1'-0"



(A) NOTE: SCRIBE SIDES & TOP TO WALL

MT10



(B) WOOD HOOK STRIP
SCALE 3" = 1'-0"

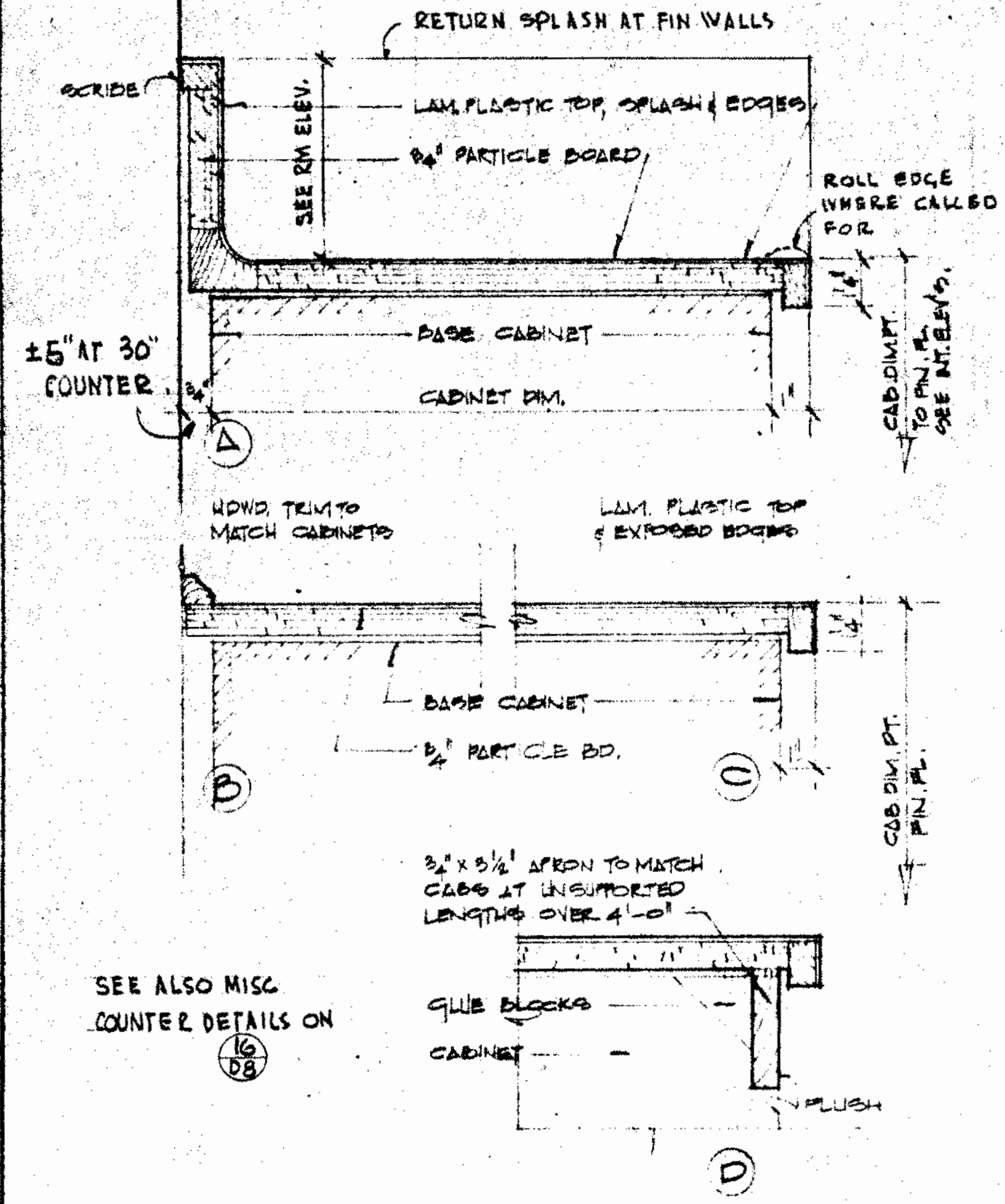
SCALE ¼" = 1'-0"

67-1-R

MILL BUILT JANITOR CABINETS

D-8

12



67 - 1 - R

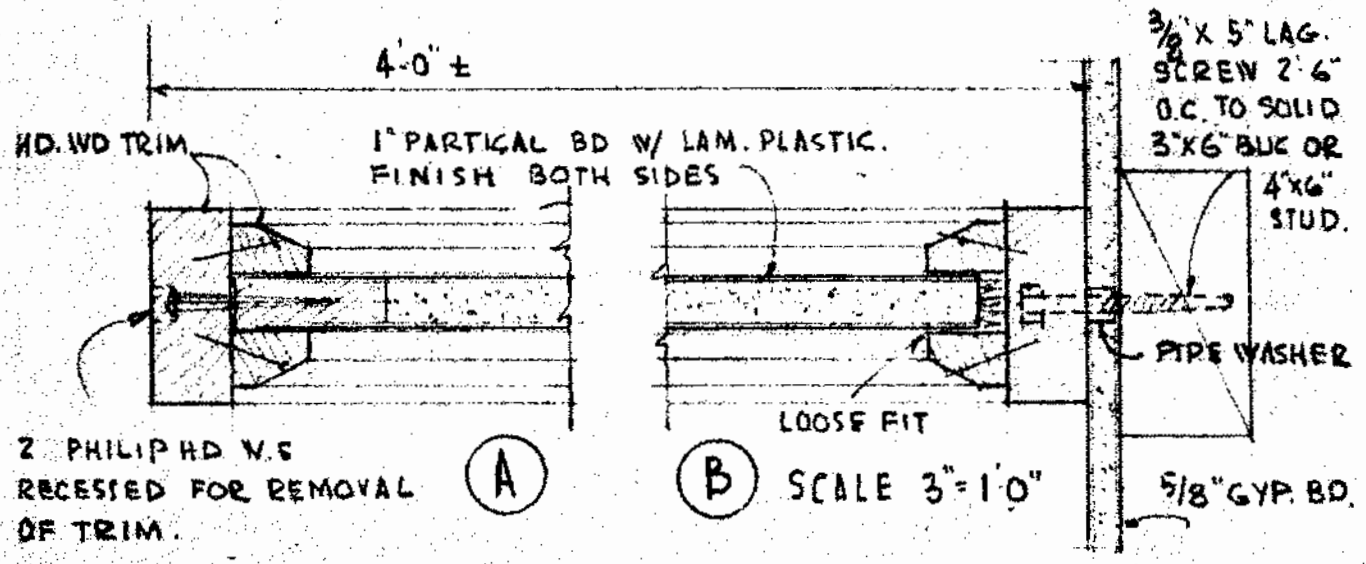
SCALE - 3" = 1'-0"

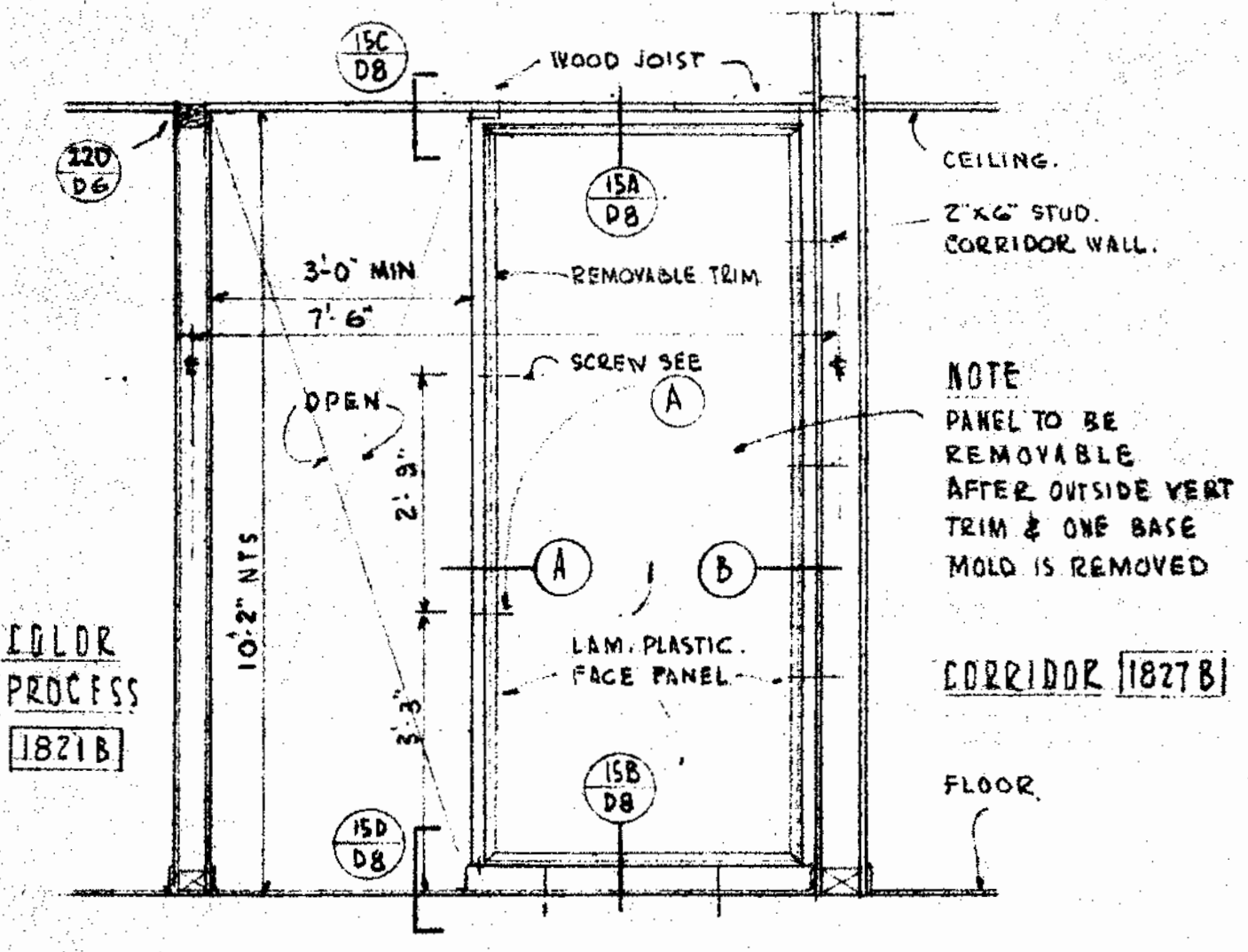
TYP. COUNTERTOP DTLS.

D-8

13

112





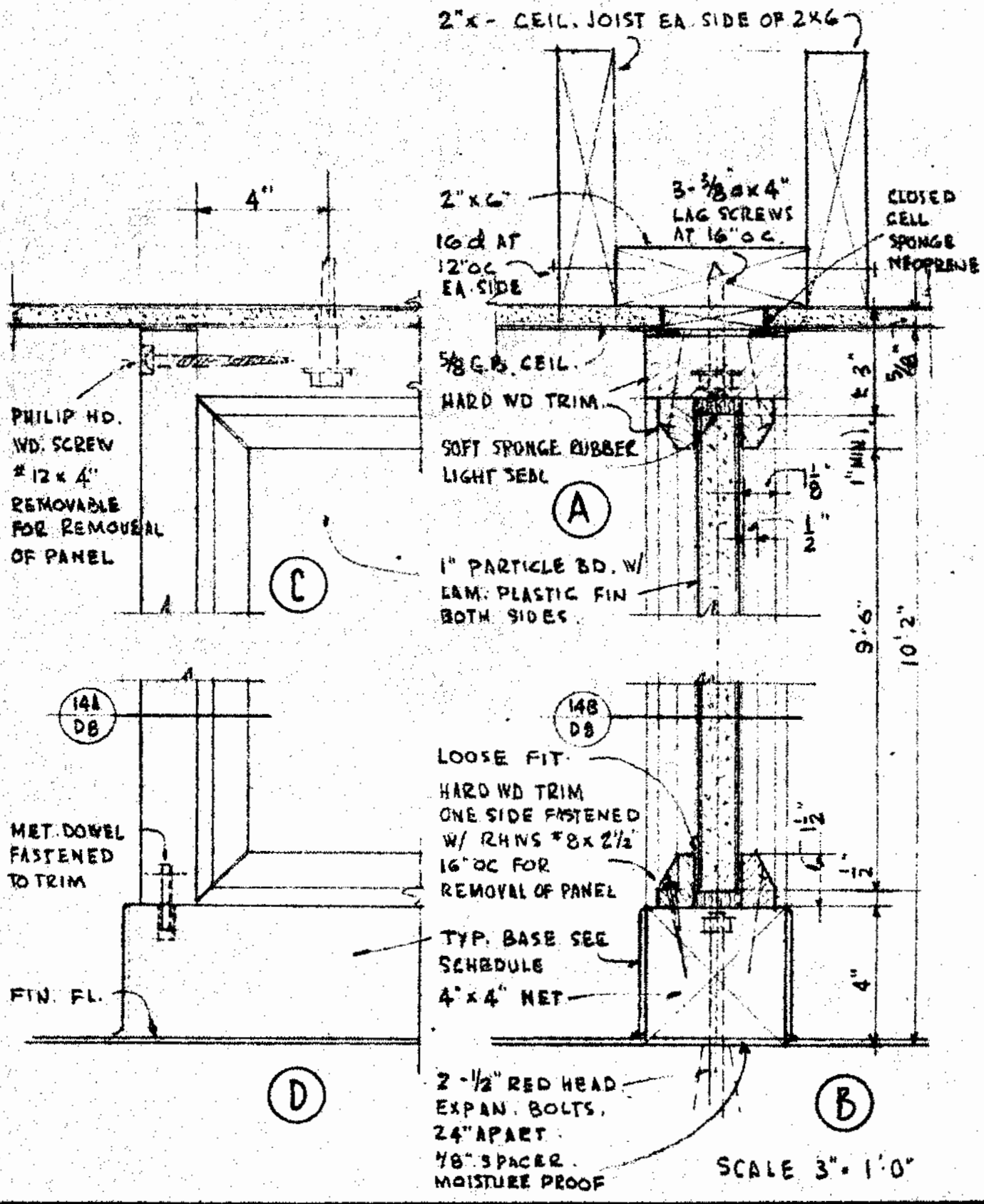
ELEVATION
SCALE 1/2"=1'0"

PANEL IN LIGHT TRAP 1822B

LIGHT TRAP PANEL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

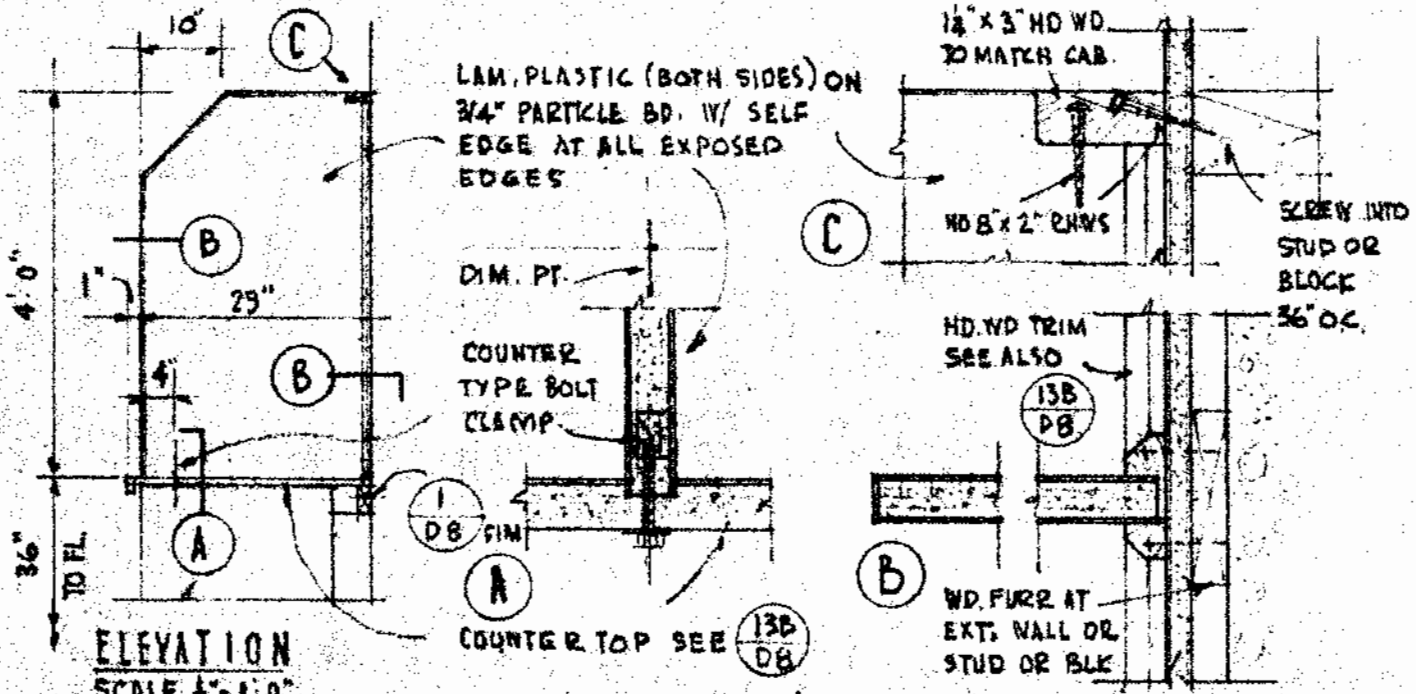
GROUP	DETAIL
D 8	14



LIGHT TRAP PANEL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

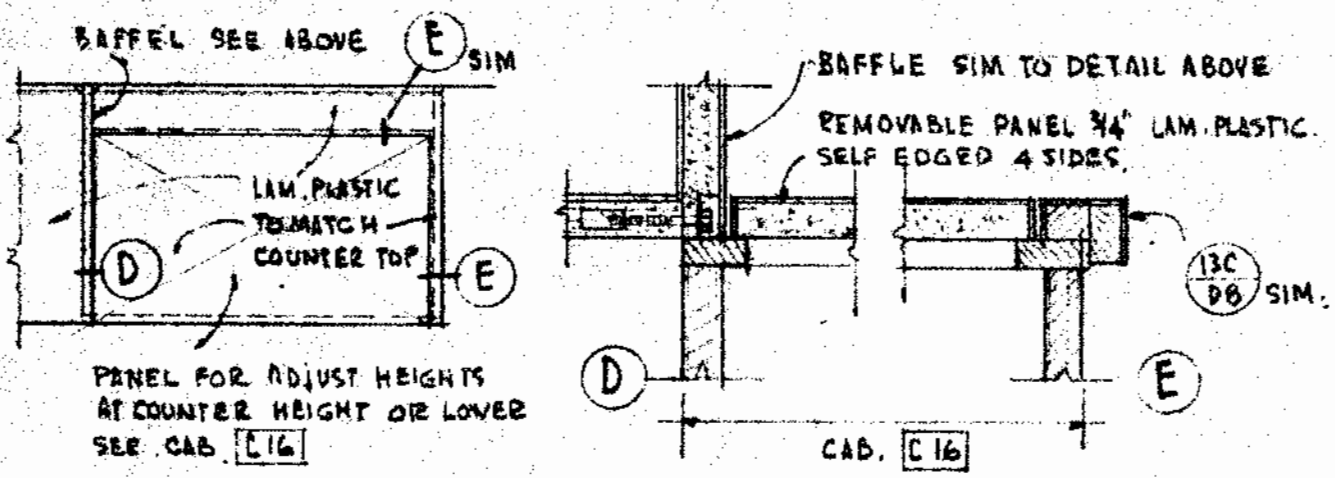
GROUP	DETAIL
D 8	15



ELEVATION
SCALE 1/2" = 1'-0"

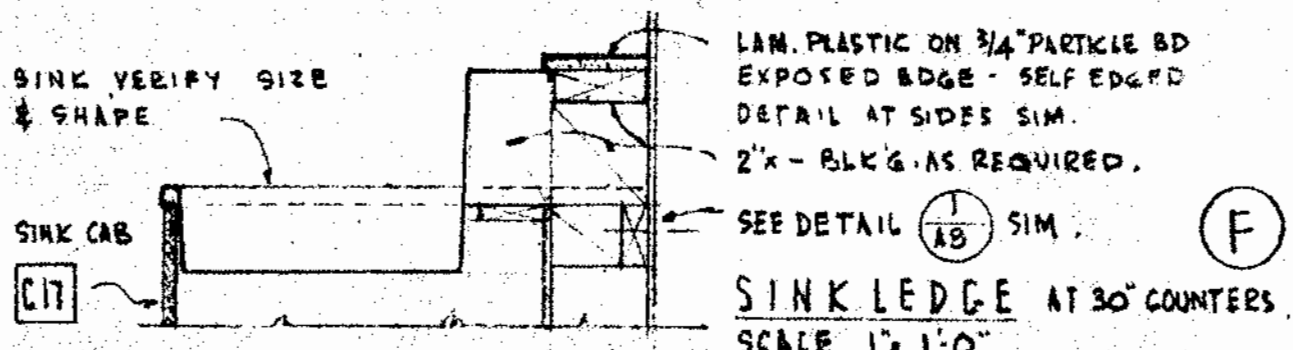
SECTIONS SCALE 3" = 1'-0"

BLACK & WHITE PRINT RM [18208] COUNTER TOP BAFFLES



PLAN SCALE 1/2" = 1'-0"
COUNTER TOP FOR CAB. C16

SECTIONS
SCALE 3" = 1'-0"

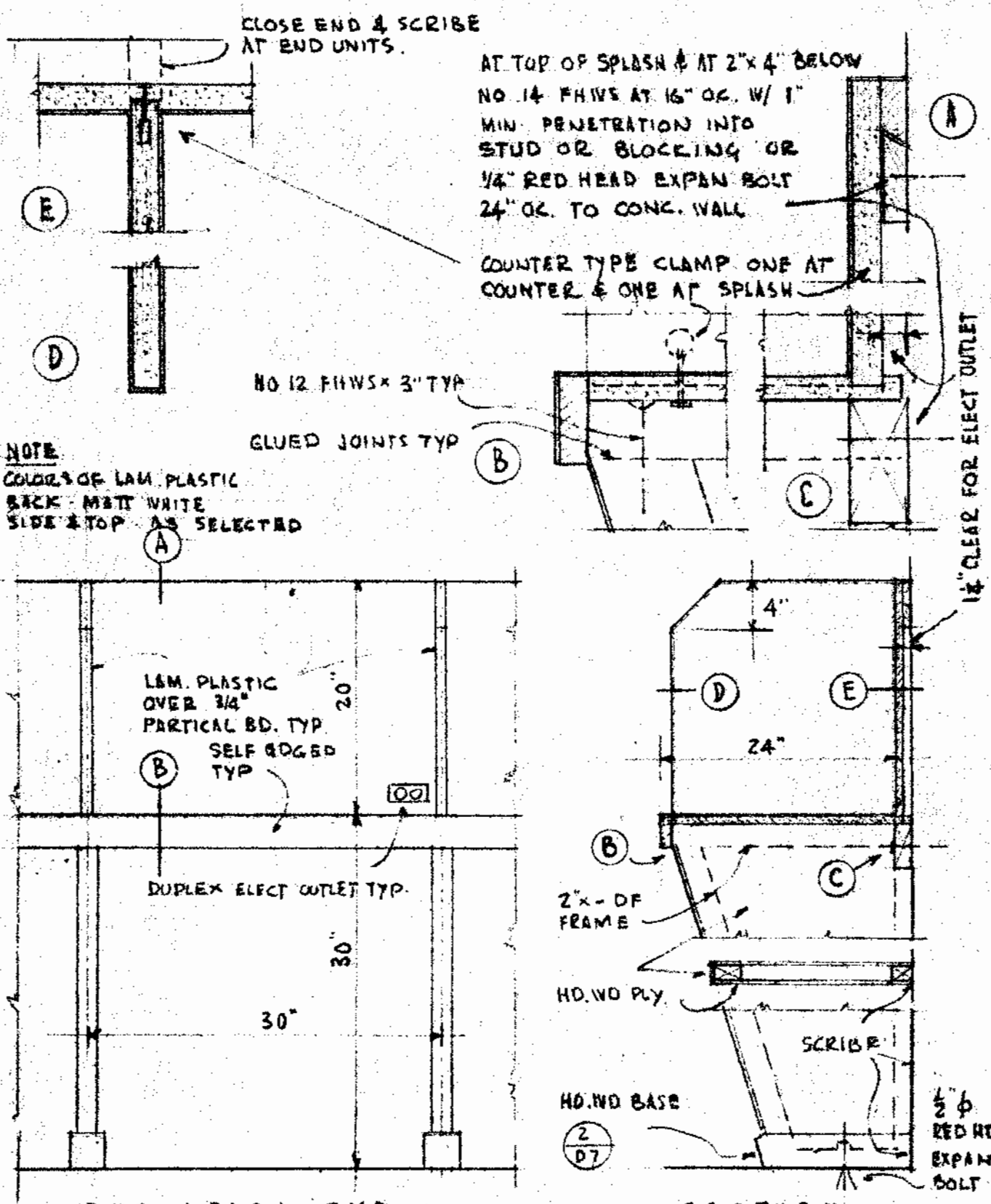


SINK LEDGE AT 30" COUNTERS
SCALE 1" = 1'-0"

MISC. COUNTER TOP DETAILS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D8	16



ELEVATION - TYP

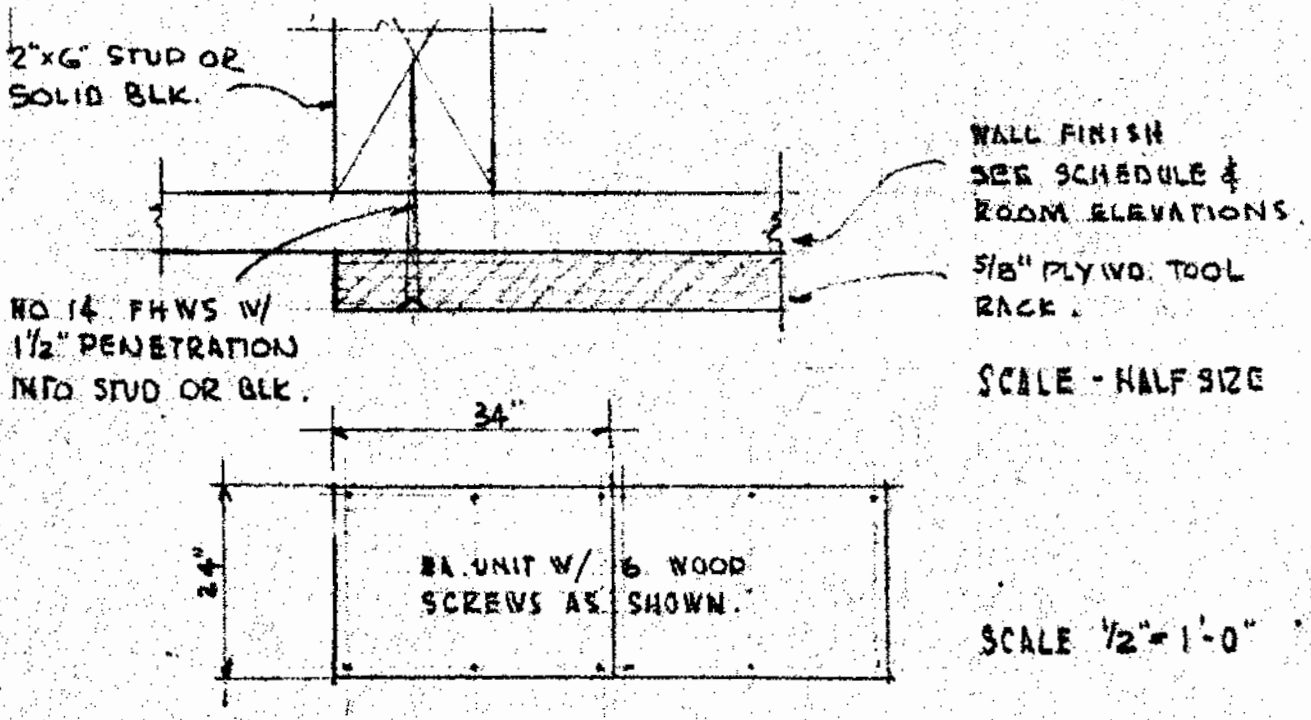
SECTION

SCALE 1" = 1'-0"
DETAILS 3" = 1'-0"

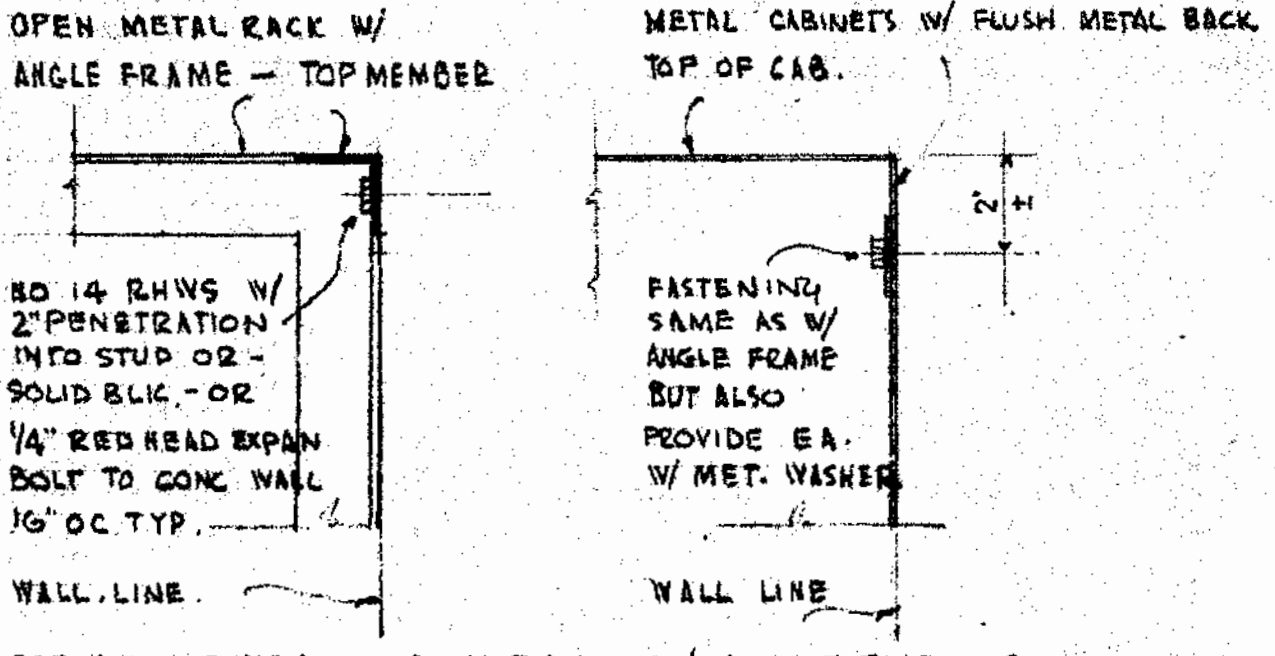
A.V. VIEWING COUNTER MC-3

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 8	17



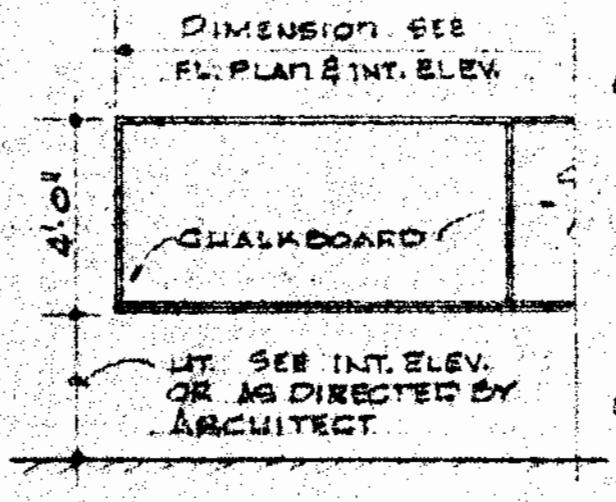
(A) TOOL RACK FASTENING



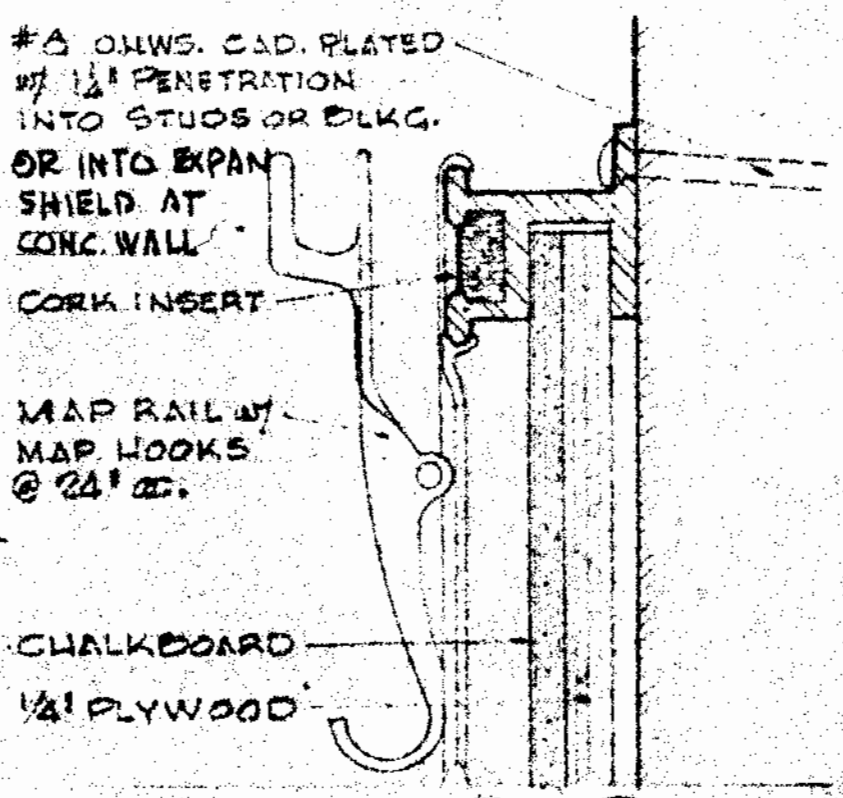
(B) METAL CABINET FASTENING NO SCALE

FASTENING DETAILS - METAL CABINETS	GROUP D 13	DETAIL 18
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS		

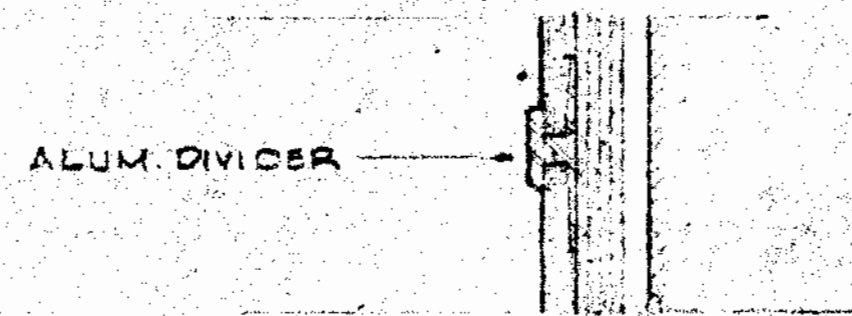
JOB 67-12 SHEET 117



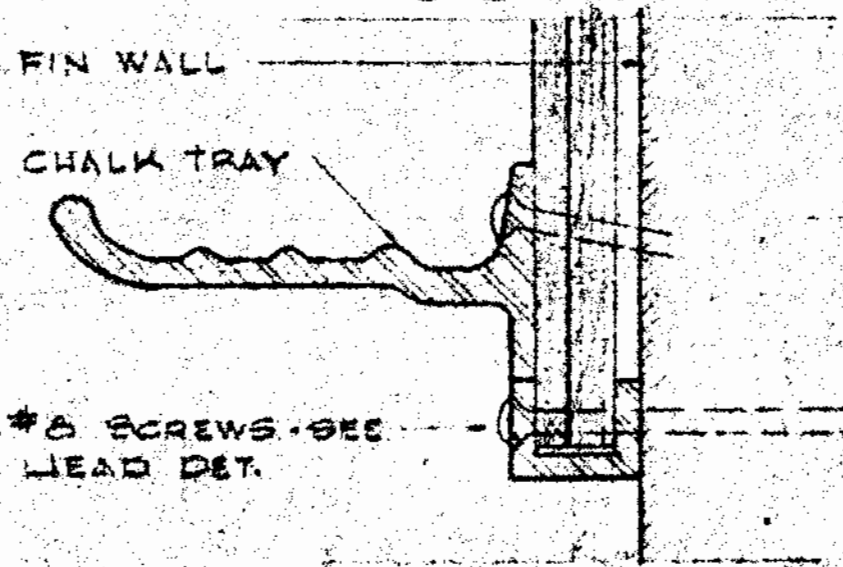
ELEVATION
1/2" = 1'-0"



HEAD



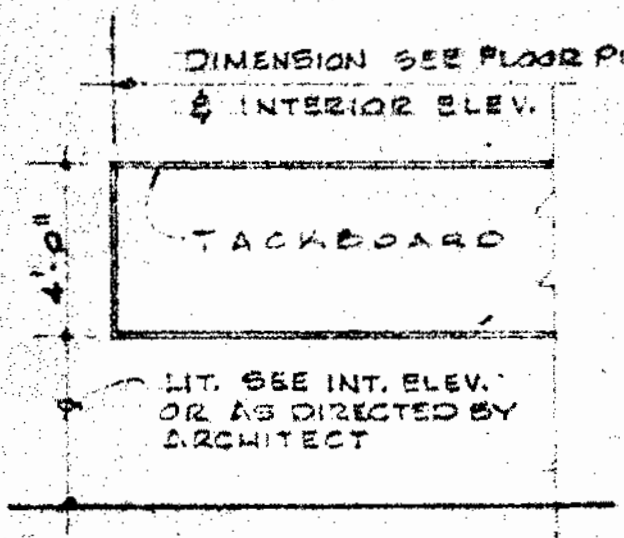
JOINT



BOTTOM

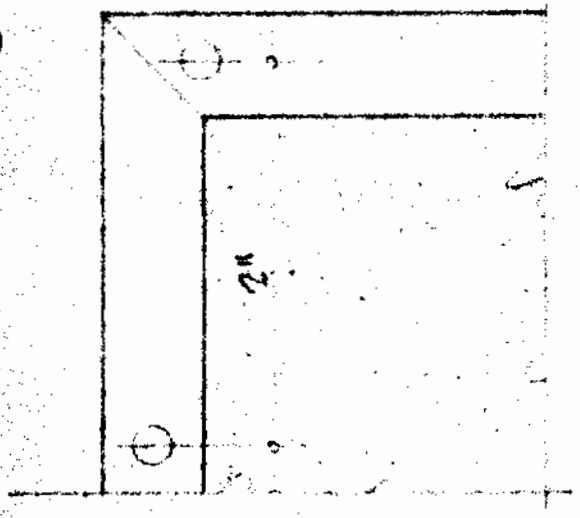
FULL SIZE

CHALK BOARD DET. | D-9 | 1



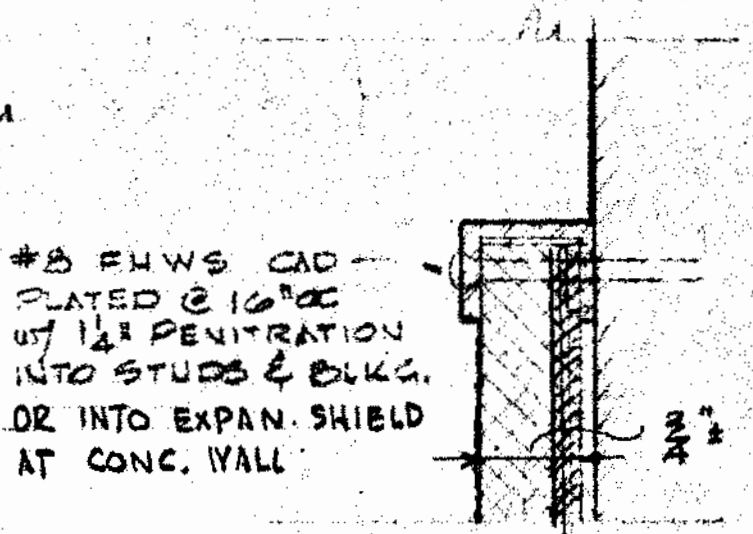
ELEVATION

.4" = 1'-0"

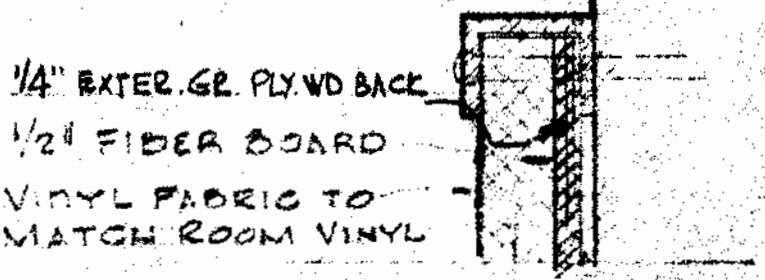


TYP. COR ELEV.

FULL SIZE



HEAD



JAMB

SILL SIMILAR

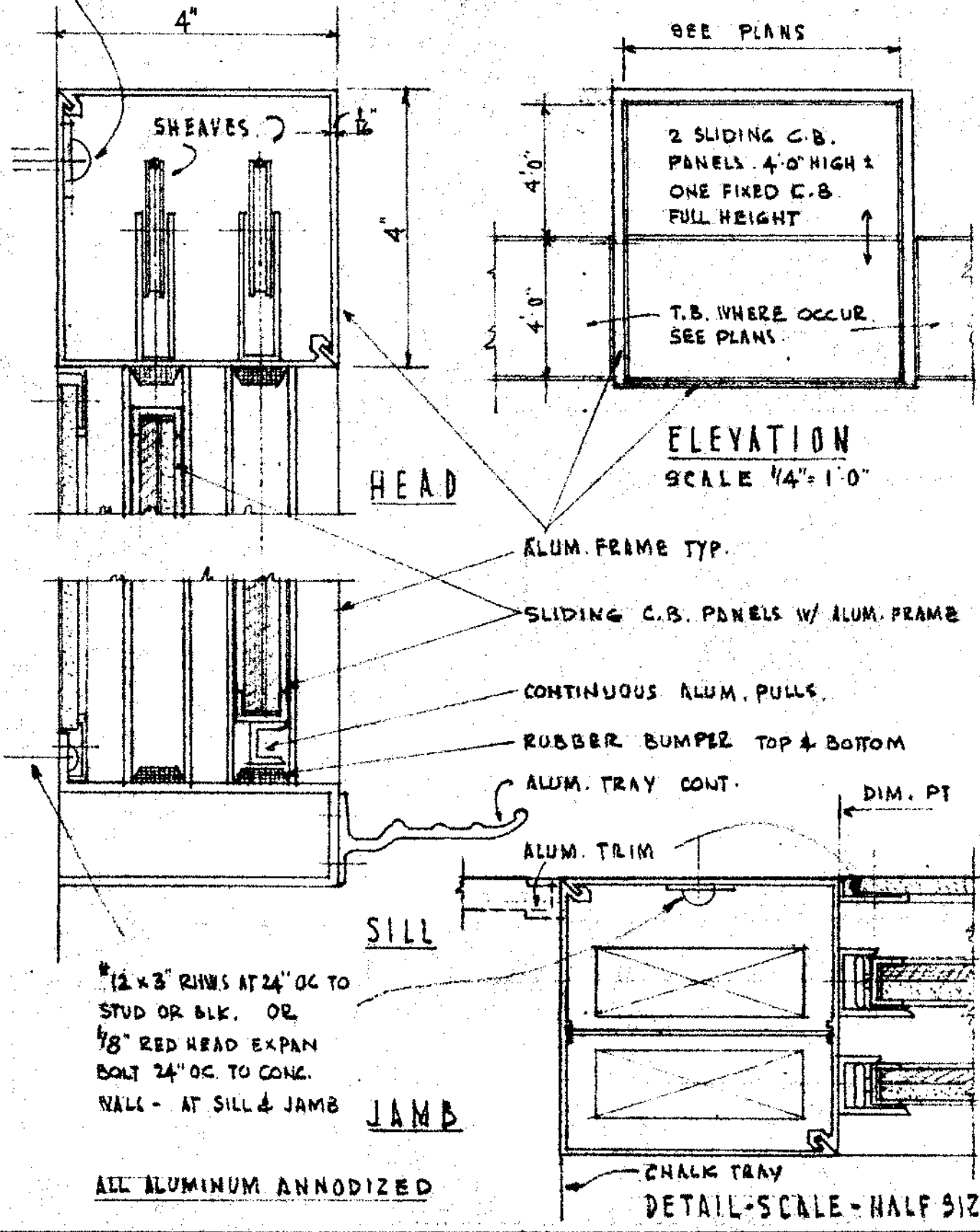
FULL SIZE

07-1-R

TACK BOARD DET. | D·9 | 2

3/8"ϕ x 3" LAG SCREW AT 16" OC INTO EA STUD OR BLK. AT STUD WALL

3/8"ϕ BOLT INTO RED HEAD EXPAN. SHIELD - 16" OC. AT CONC. WALL.

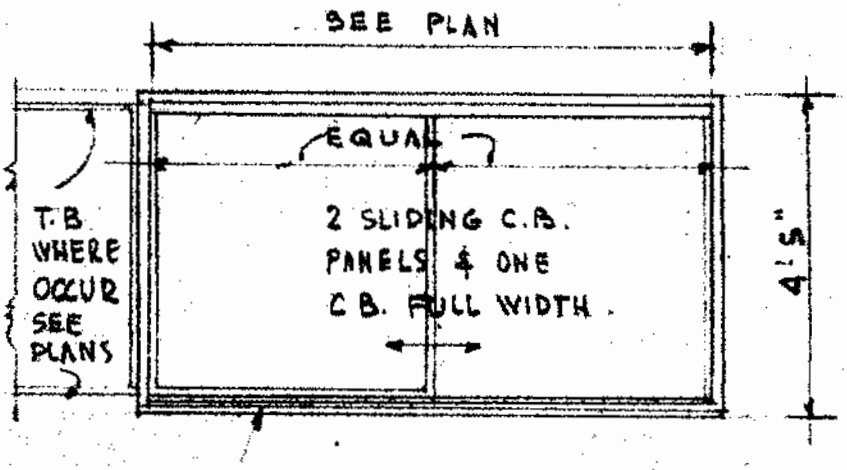


ALL ALUMINUM ANNODIZED

VERTICAL-SLIDING CHALK BD

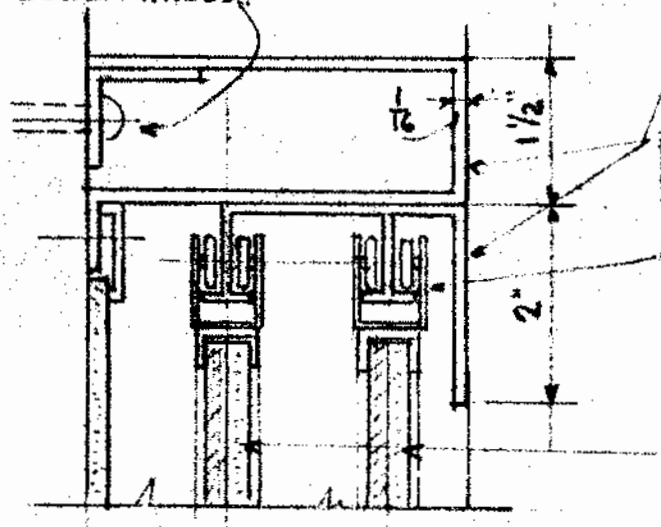
GROUP	DETAIL
D 9	3

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

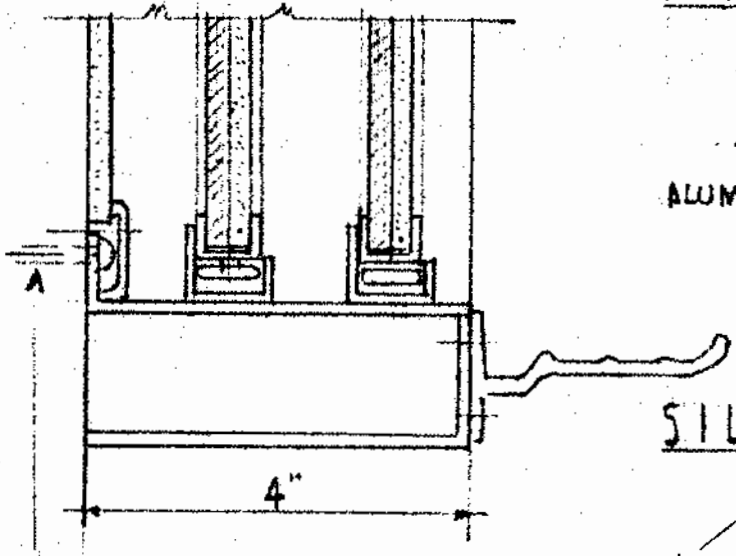


3/8"ϕ x 3" LAG SCREW AT 16" O.C. INTO EA. STUD OR BLK. AT STUD WALLS
3/8"ϕ BOLT INTO RED HEAD EXPAN. SHIELD -16" O.C. AT CONC. WALLS.

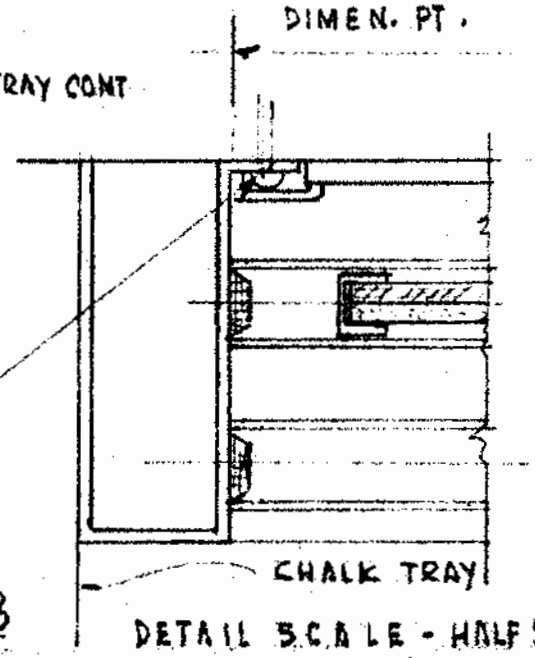
ELEVATION
SCALE 3/8" = 1'-0"



HEAD



SILL



#12 x 3" RHWS AT 24" OC TO STUD OR BLKG OR 1/8" RED HEAD EXPAN. BOLT 24" OC TO CONC. WALL. — AT SILL & JAMB.

ALL ALUMINUM ANNODIZED

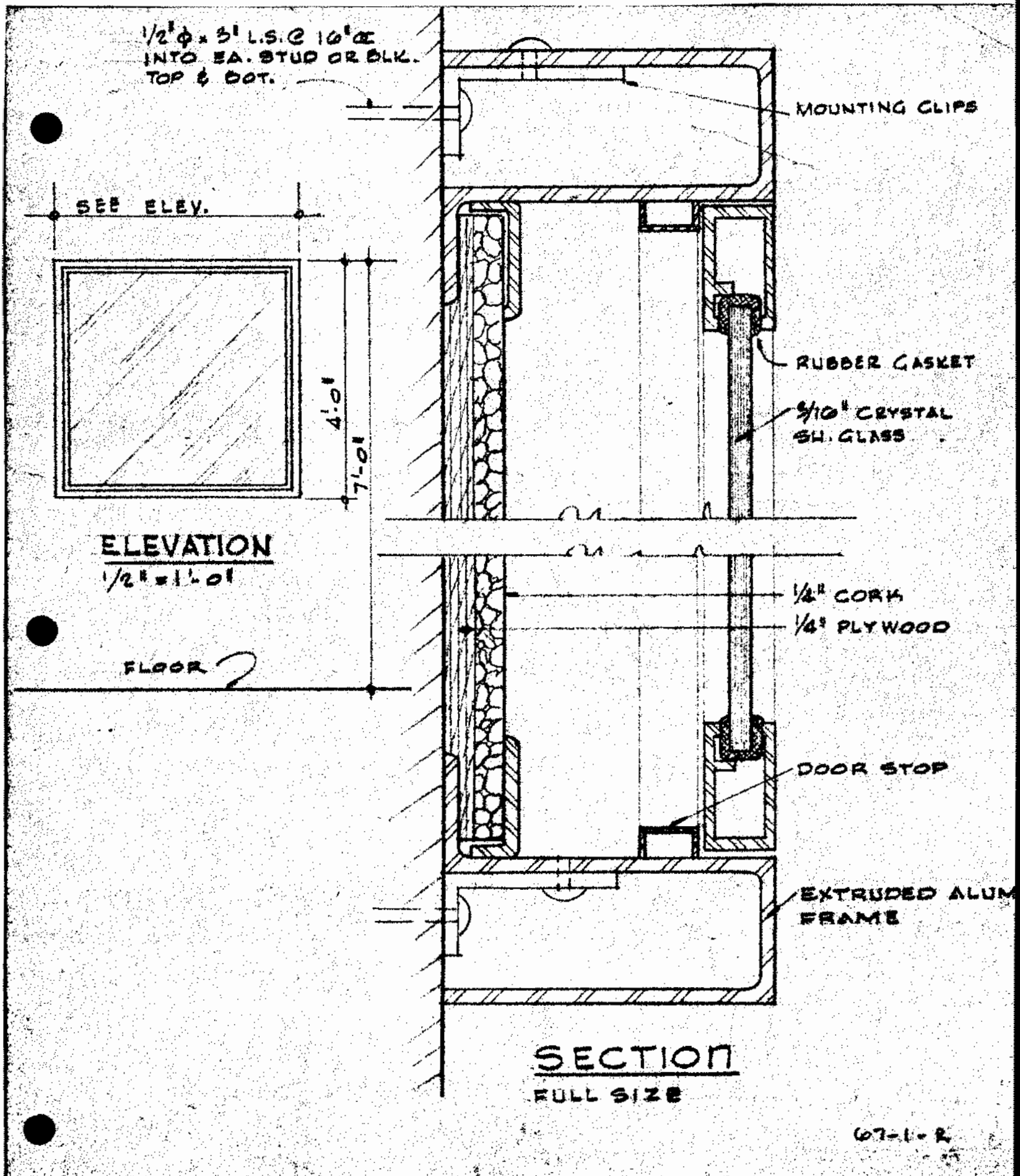
JAMB

DETAIL SCALE - HALF SIZE

HORIZONTAL SLIDING CHALK BD.

HELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 9	4

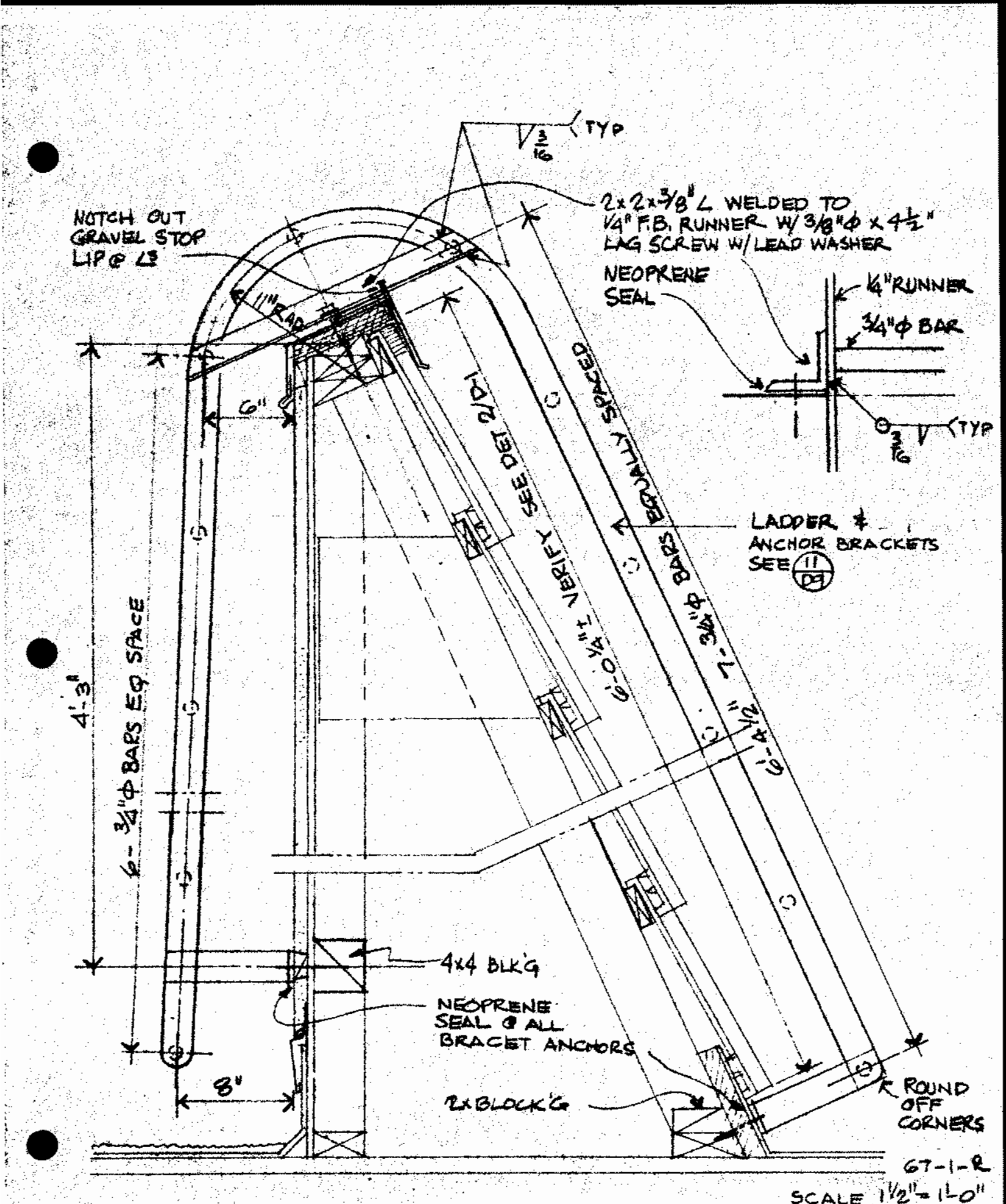


ELEVATION
1/2" = 1'-0"

SECTION
FULL SIZE

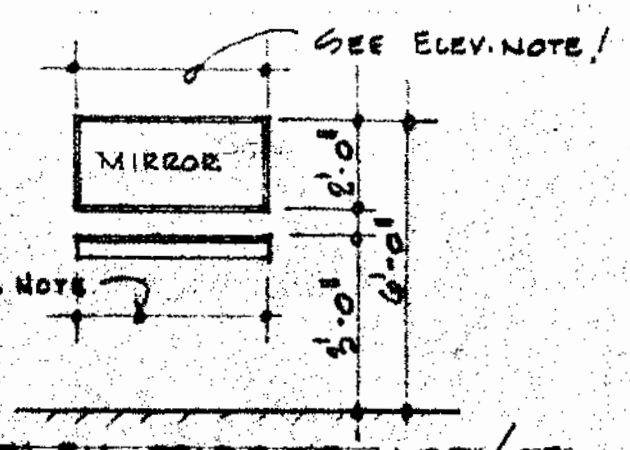
67-1-R

BULLETIN BOARD DET.	D·9	5



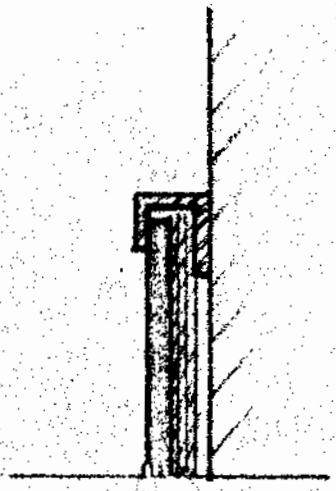
METAL LADDER DET. @ ROOF SCREEN

D·9

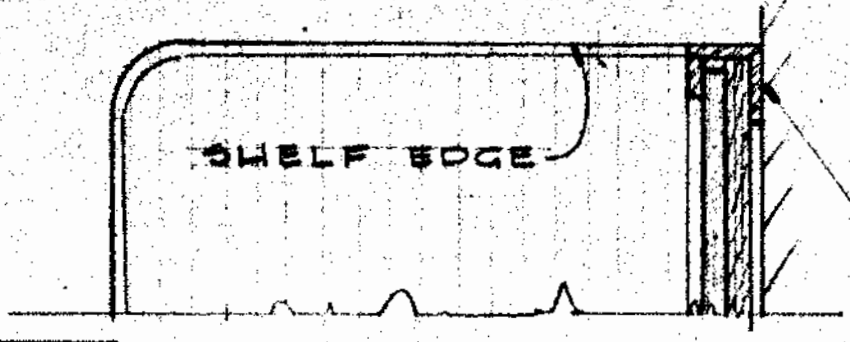


ELEV. MIRROR AND/OR S.S. SHELF

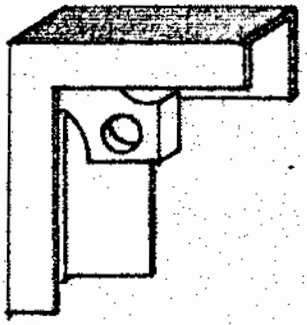
1/4" = 1'-0"



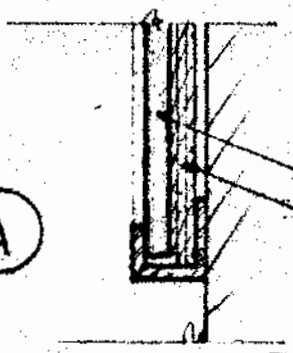
HEAD



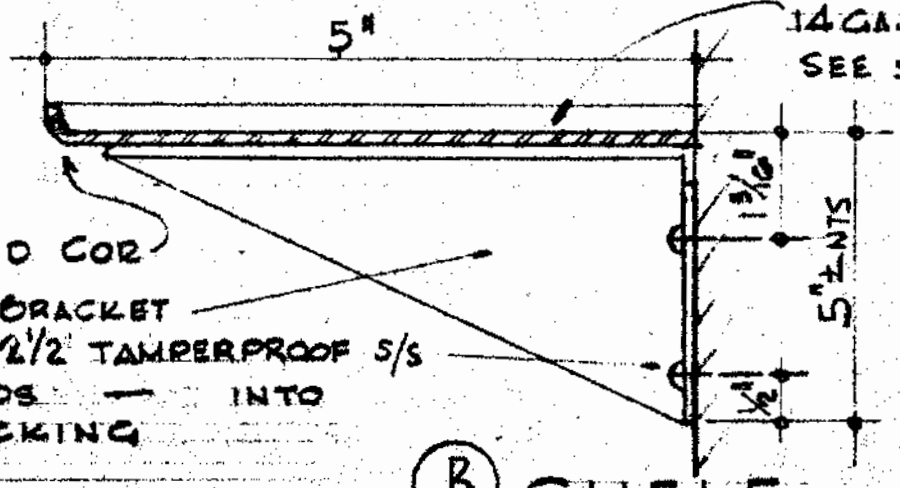
JAMB



DET @ CORNER



(A)

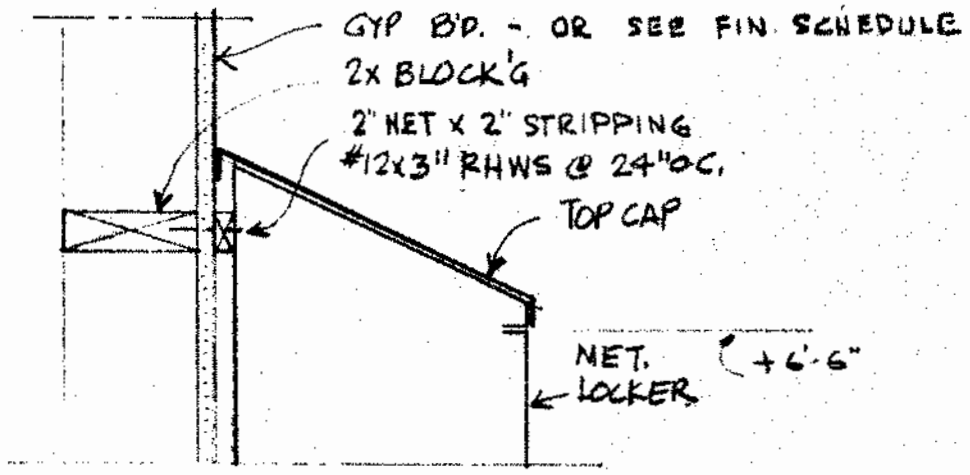


(B) SHELF

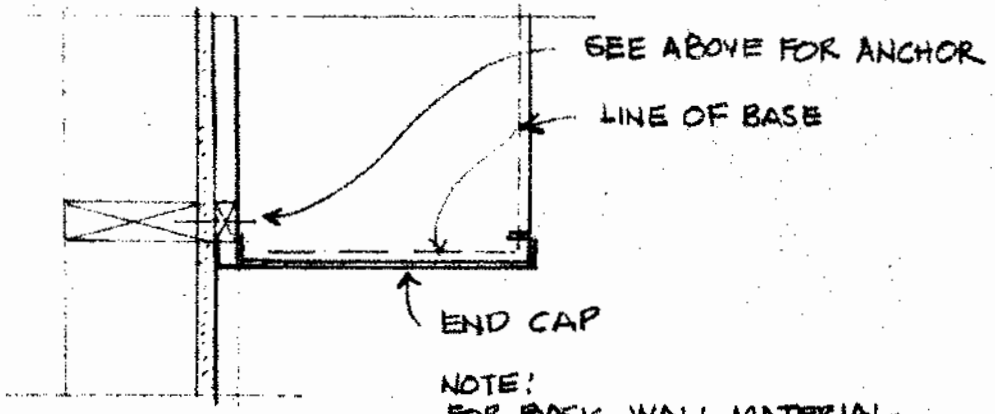
6T-1-R

1/2 FULL SIZE

MIRROR & SHELF DET.	D·9	7

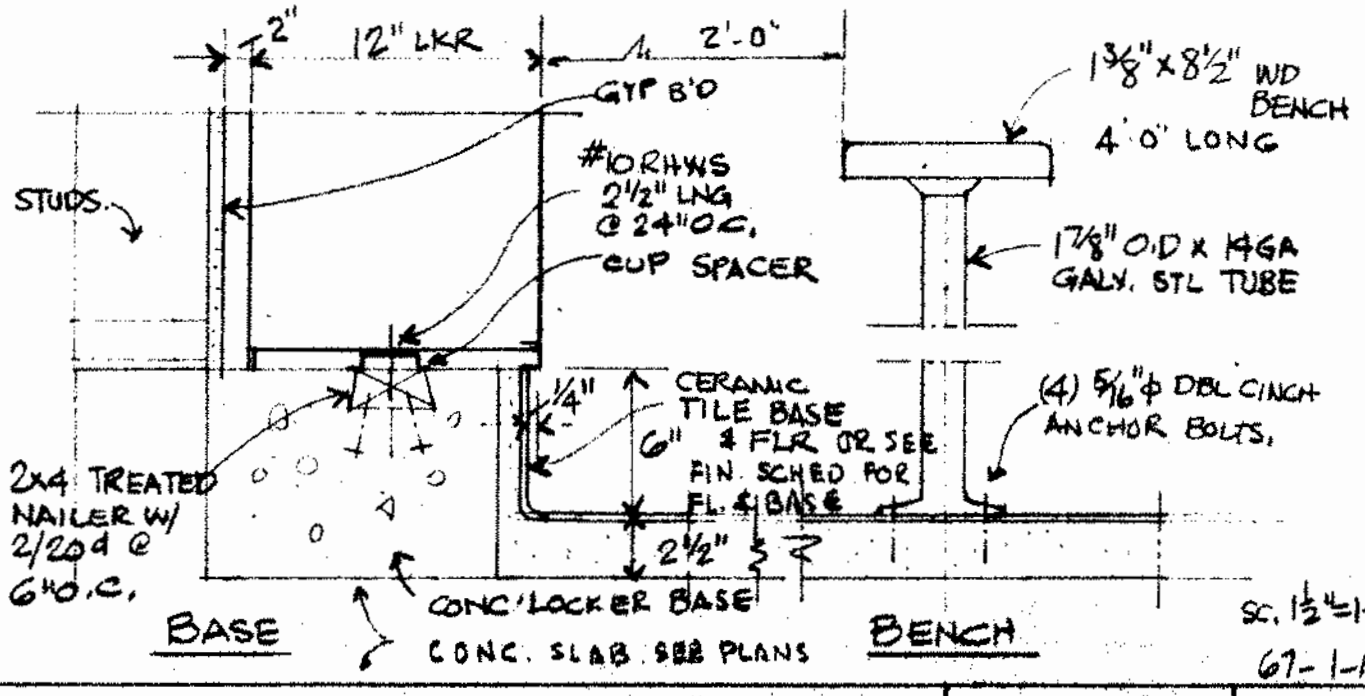


TOP



NOTE!
FOR BASIC WALL MATERIAL
SEE ROOM FINISH SCHEDULE

SIDE



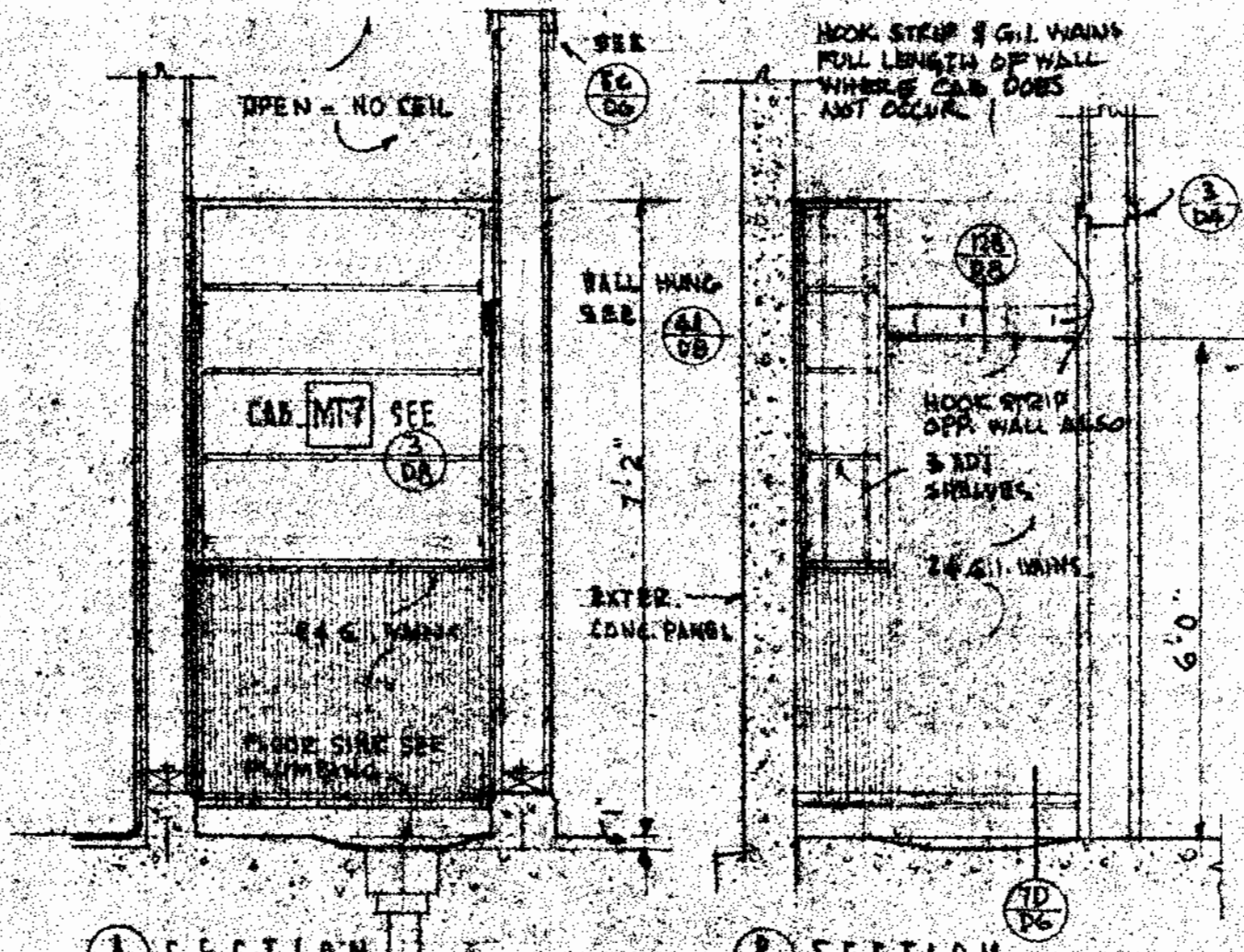
BASE

BENCH

SC. 1½"=1'-0"

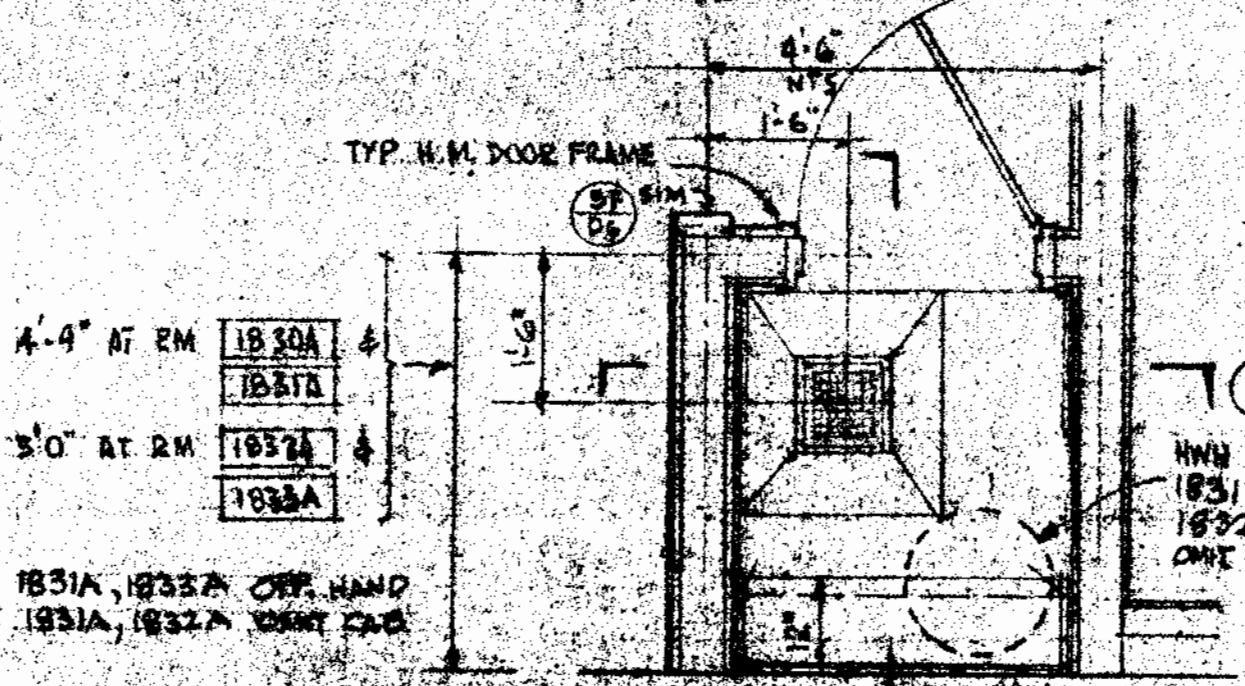
67-1-R

LOCKER & LOCKER SEAT DET.



(A) SECTION

(B) SECTION



PLAN DETAIL

(B) SCALE ½"=1'0"

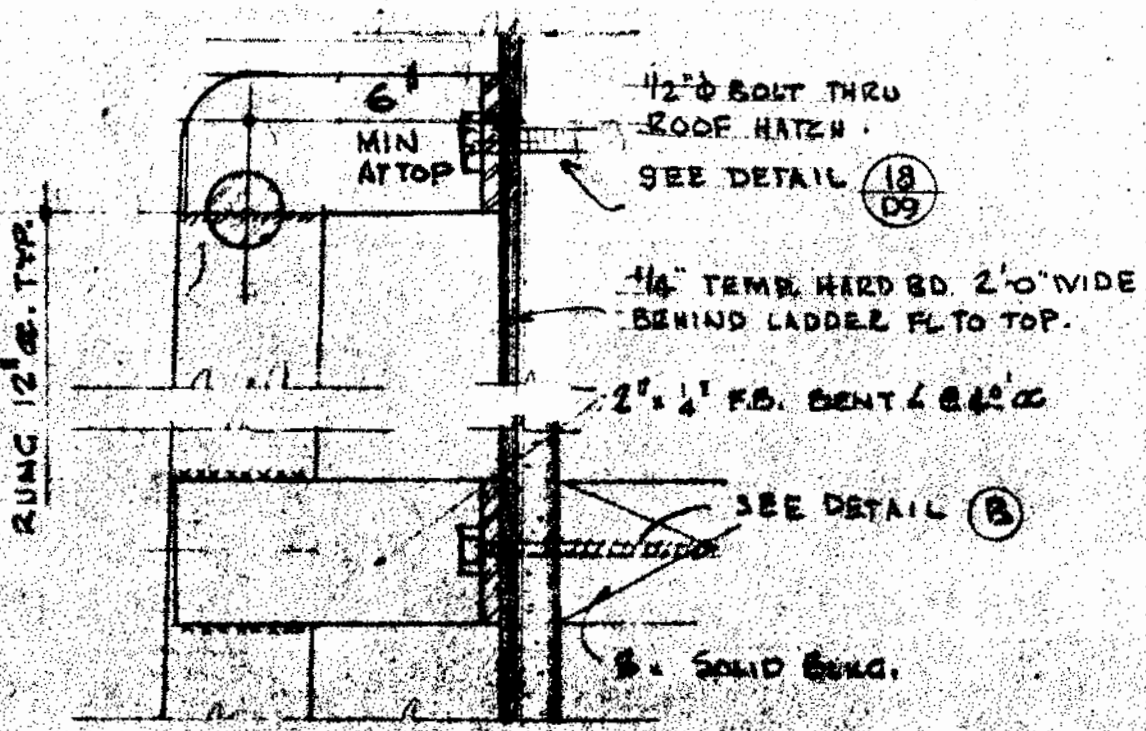
JANITOR CLOSET DETAIL

1830 A THRU 1833A

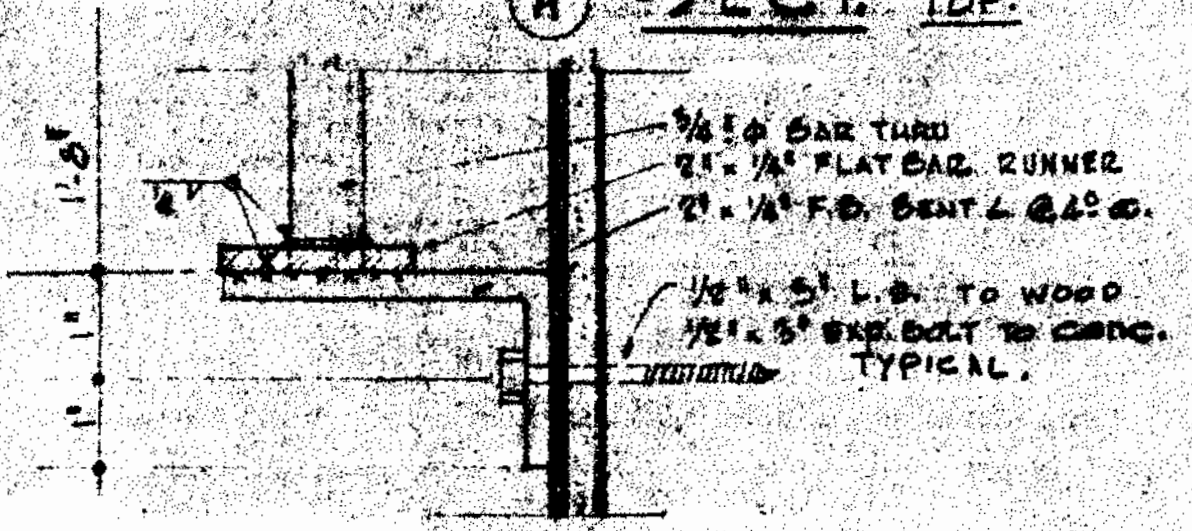
HELP W. JOHNSON, POOLE & KNOBEL, ARCHITECTS

GROUP	DETAIL
09	10

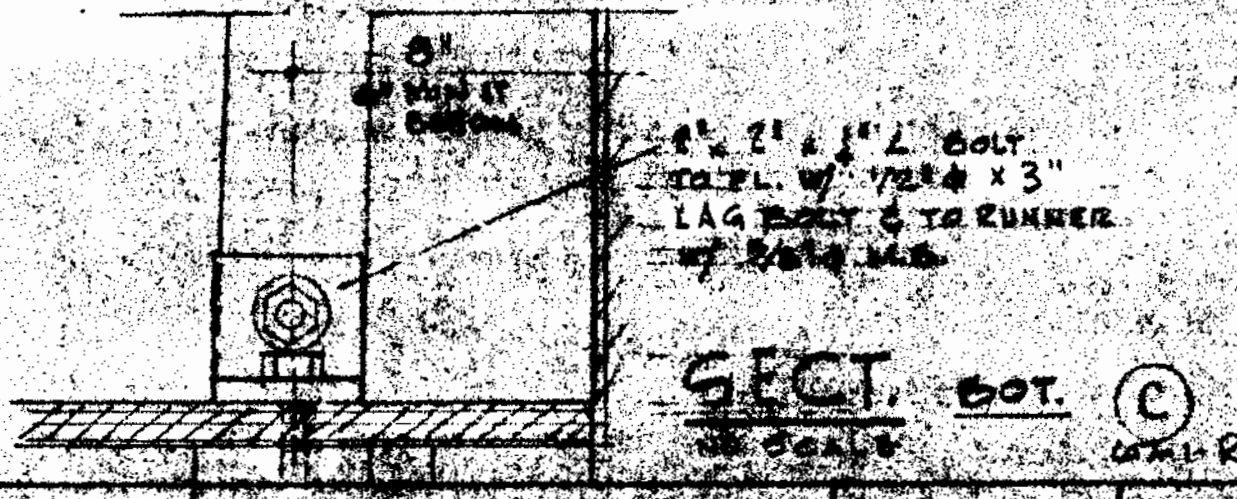
JOB 67-12 PAGE 126



(A) SECT. TOP.

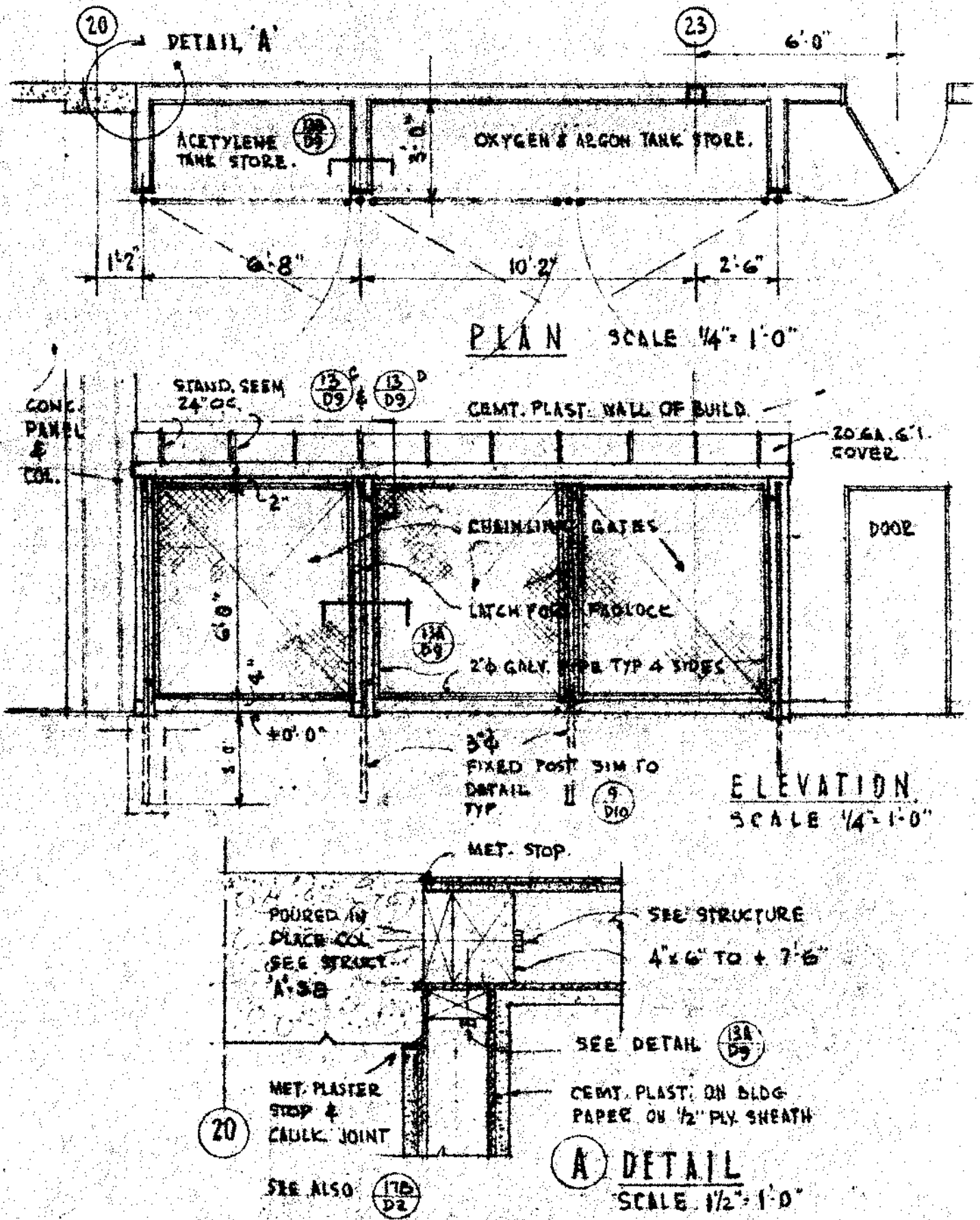


(B) SECT. PLAN.



SECT. BOT. (C)

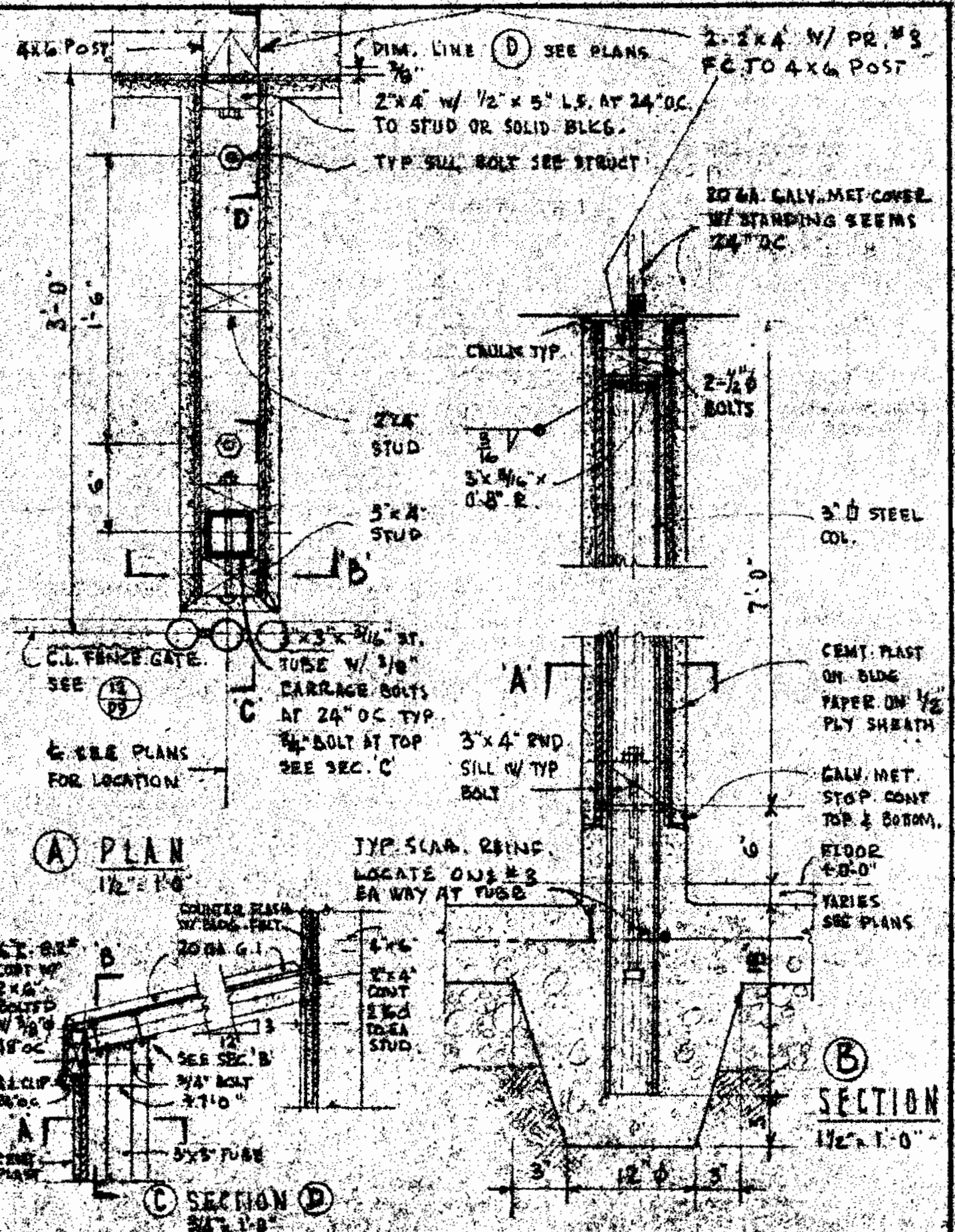
METAL LADDER DET. D·9



TANK ENCLOSURE

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D9 | DETAIL 12

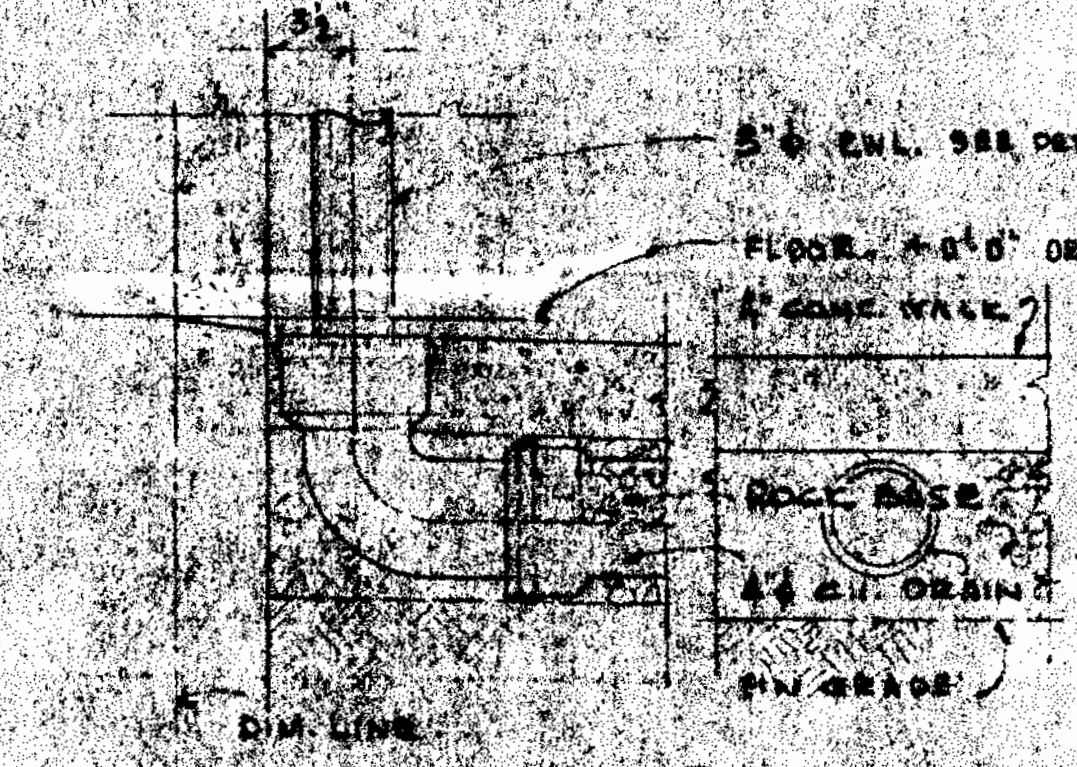


TANK ENCLOSURE DETAILS

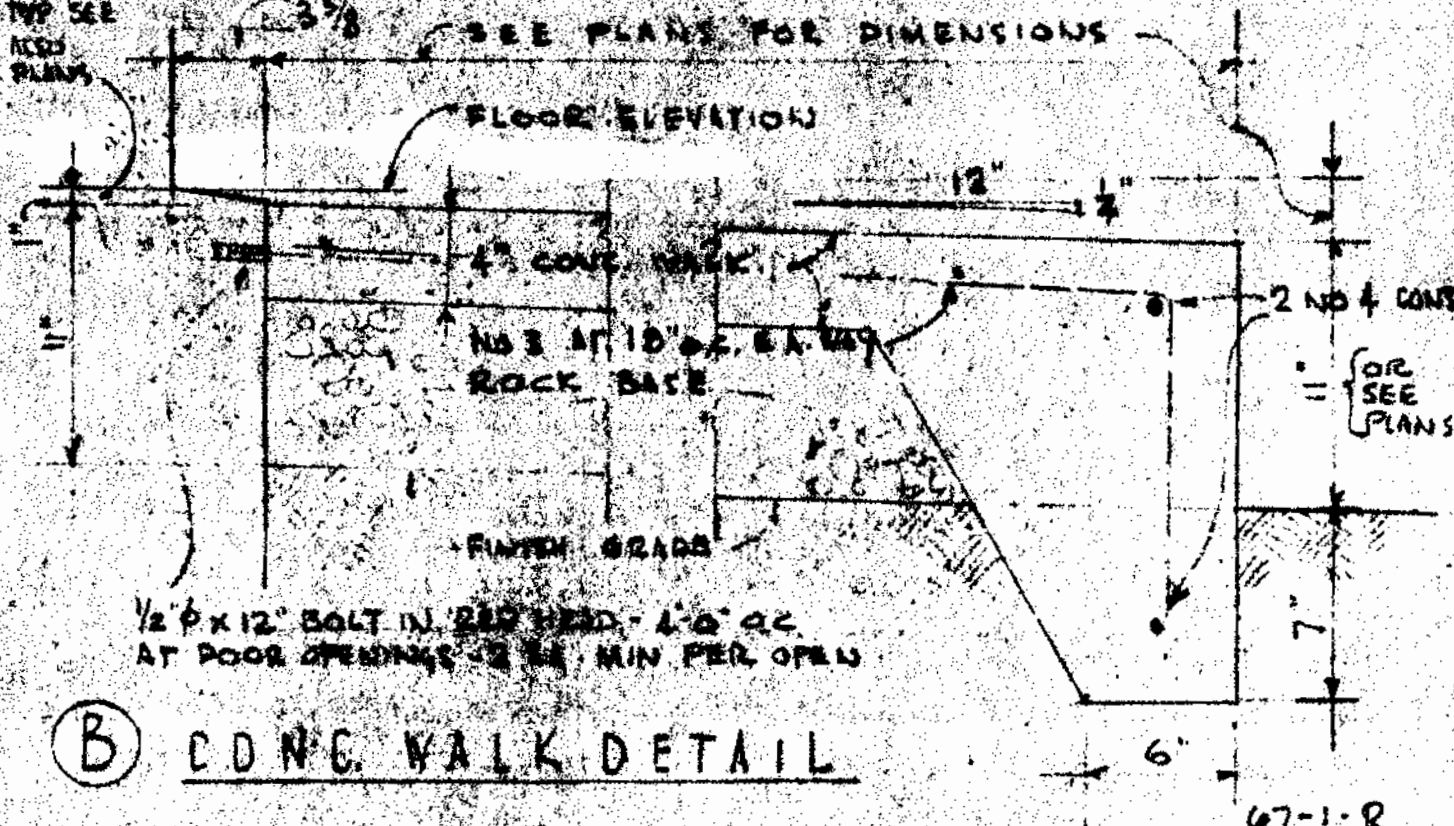
GROUP D9 DETAIL 13

PHILIP W. JOHNSON, POOLE & STORM, ARCHITECTS

JOB GT-[illegible]



Ⓐ RWL DETAIL AT WALK

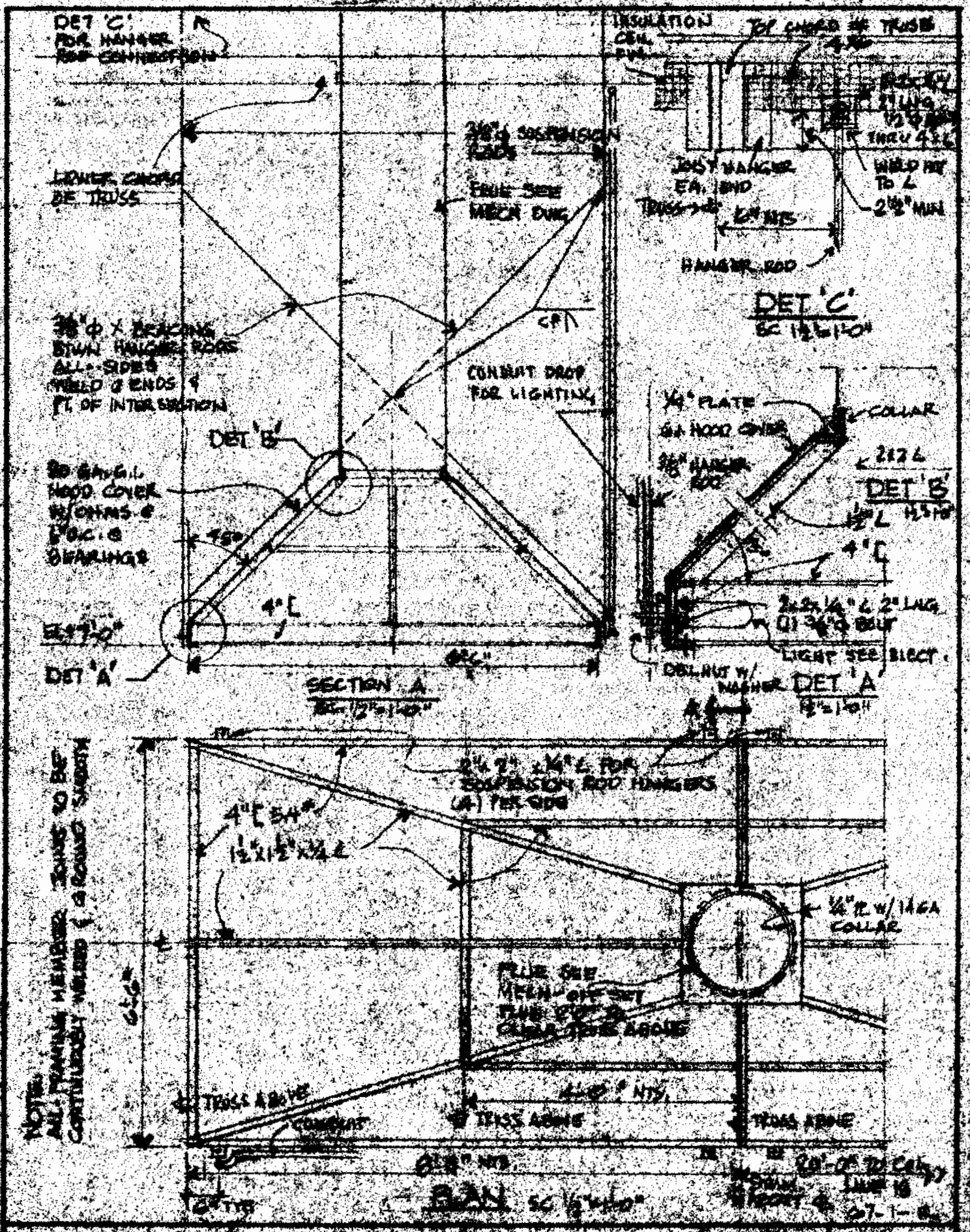


Ⓑ CONC. WALK DETAIL

67-1-R

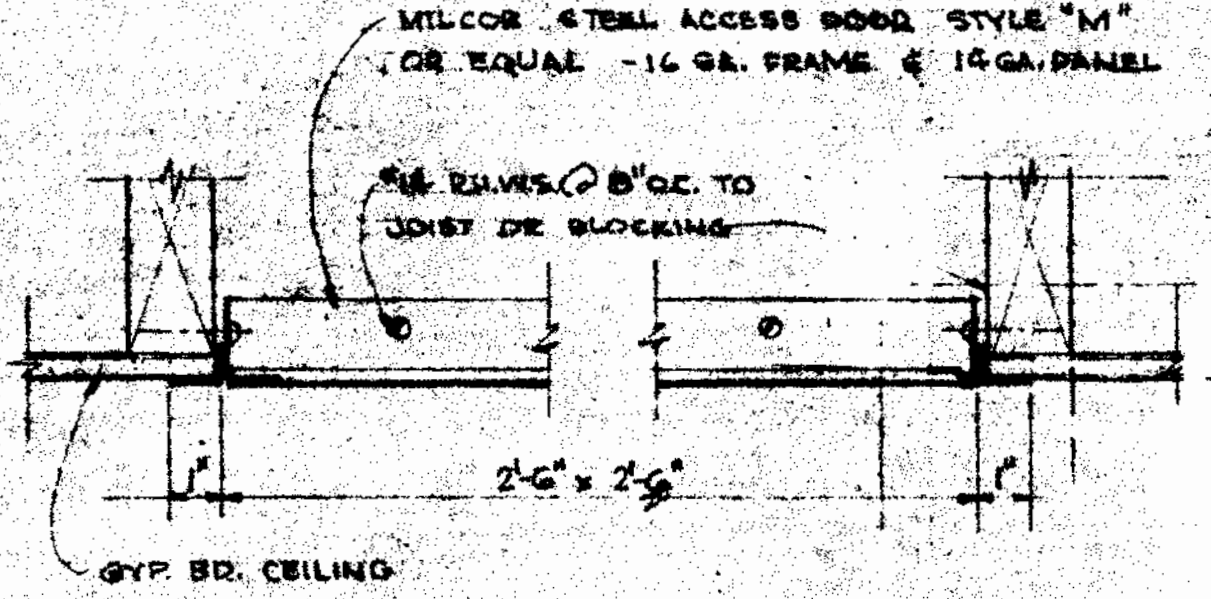
SCALE 1½" = 1'-0"

CONC. WALK & RWL DRAIN	D9	14



HOOD DETAIL FOR GAS WELDING

DRAWING DETAIL
D 9 15



NOTE - ACCESS PANEL
TO BE 1HR. U.L. LABEL

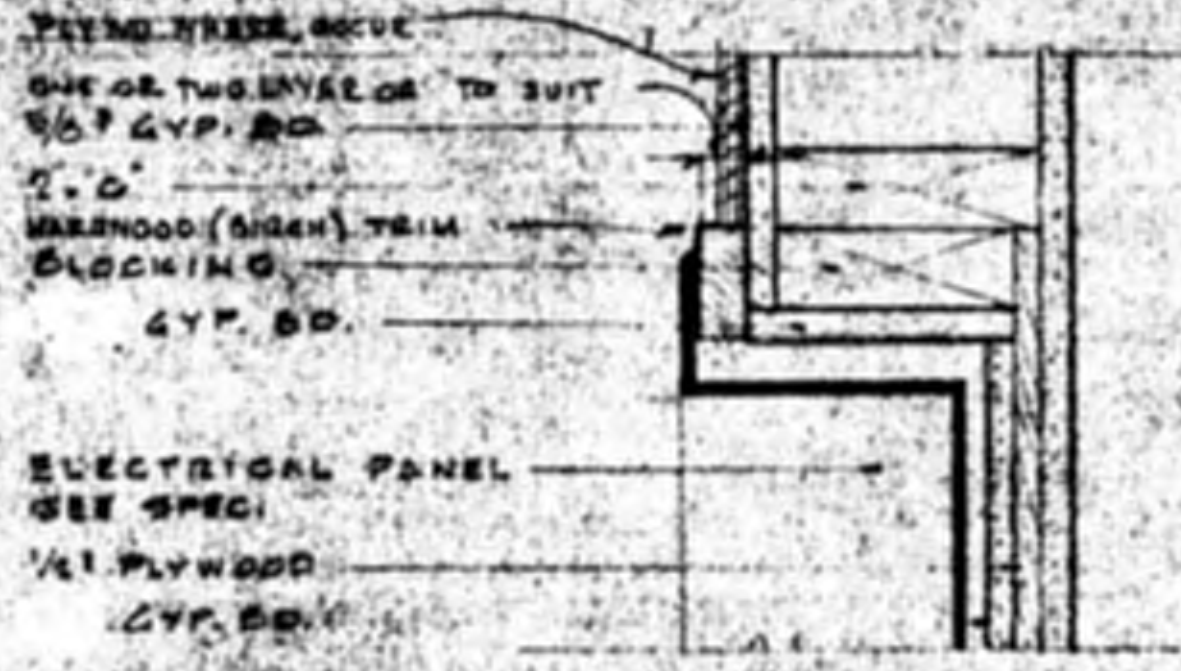
07-1=R.

SCALE: 3"=1'-0"

CEILING ACCESS DOOR

DS | LG

FIRE EXT. CAB. HEAD-JAMB-SILL



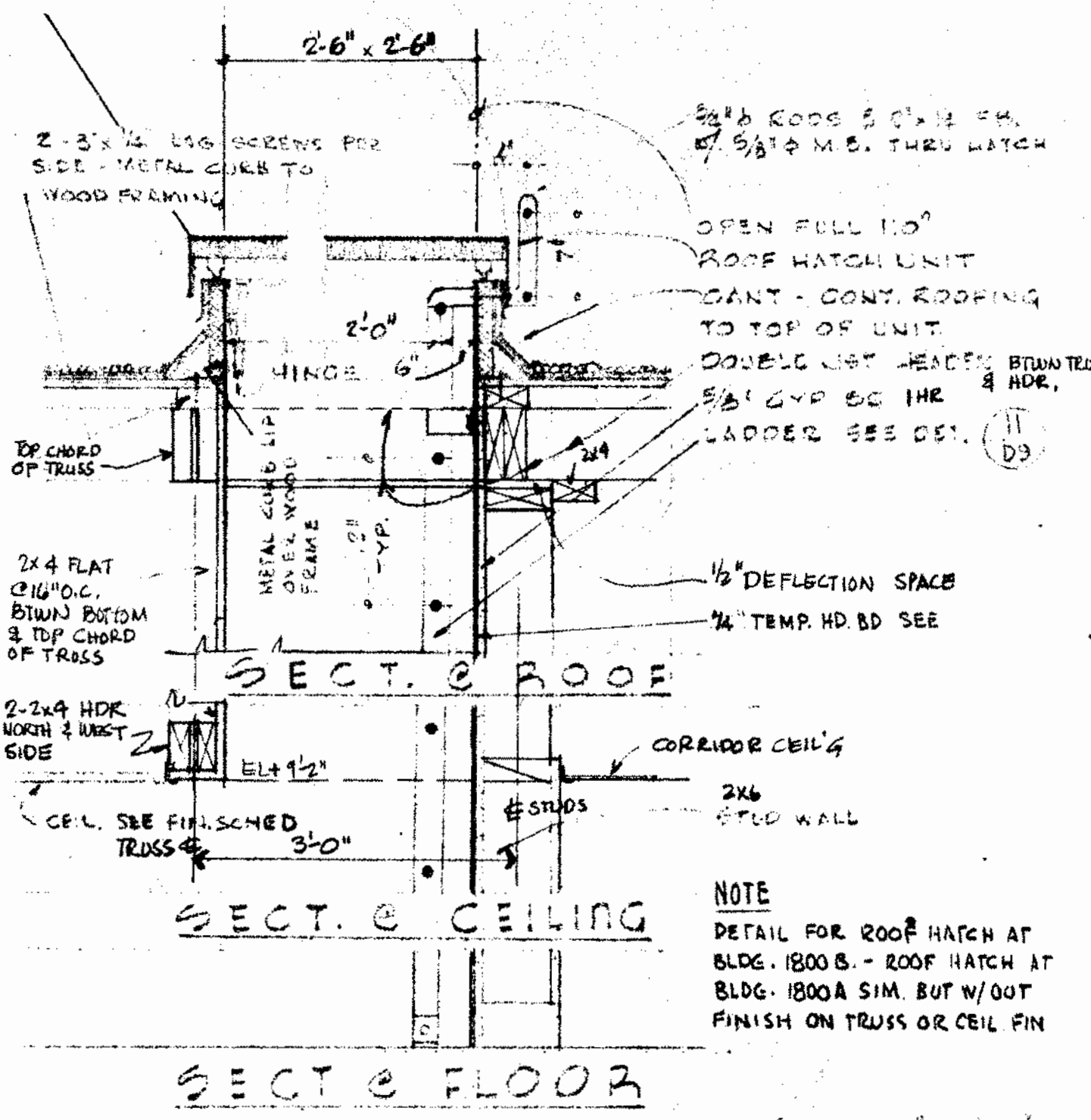
PNL. CAB. HEAD-JAMB-SILL

ELEC.

SEE DOOR ELEVATION DETAILS FOR HEIGHTS

67-1-2

FIRE EXTINGUISHER CABINET ELEC. PNL. CABINET DETAILS	D-9	17



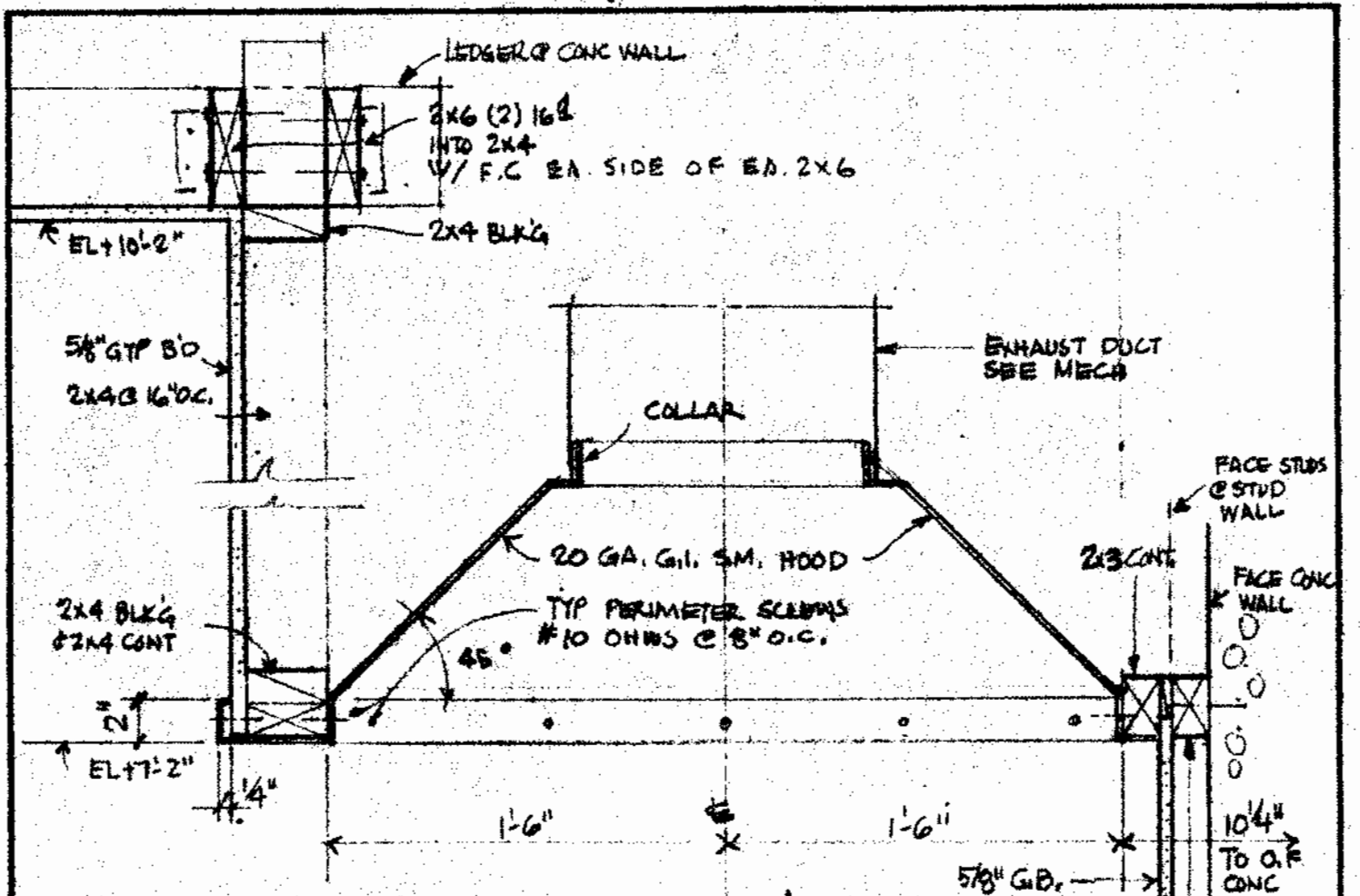
NOTE

DETAIL FOR ROOF HATCH AT BLDG. 1800 B. - ROOF HATCH AT BLDG. 1800 A SIM. BUT W/OUT FINISH ON TRUSS OR CEIL FIN

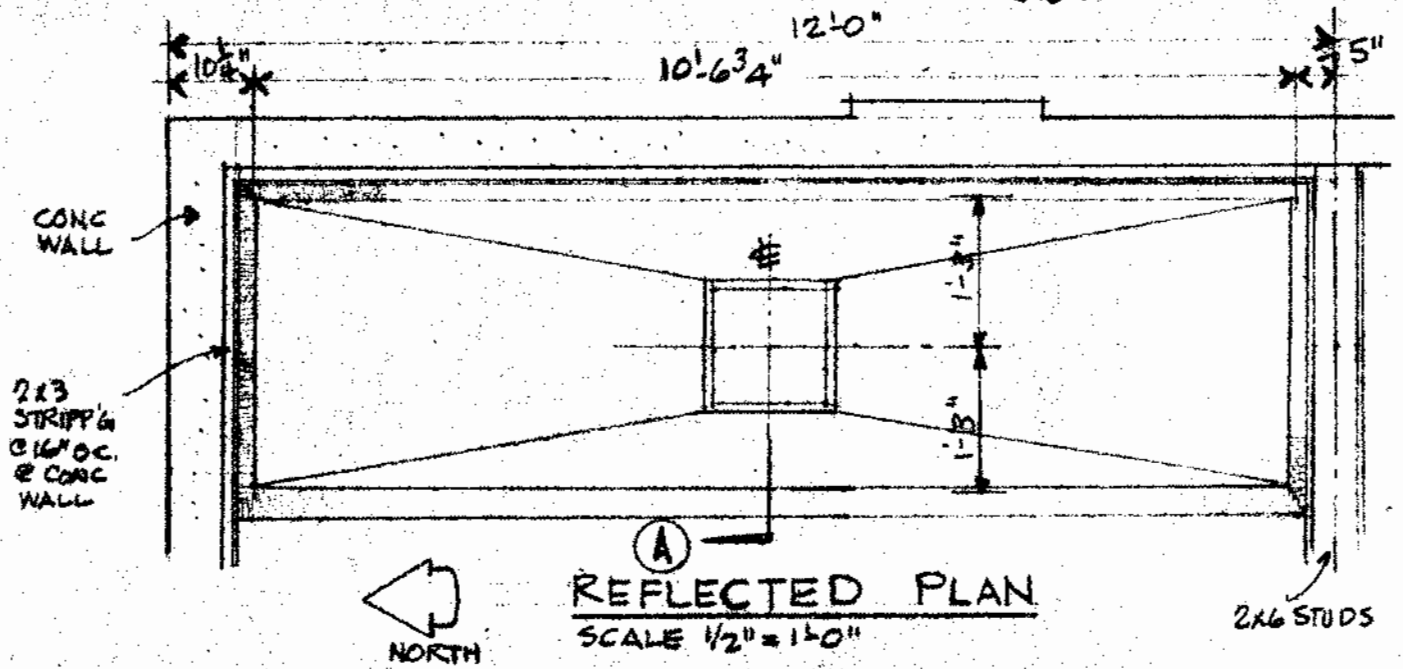
SCALE: 1" = 1'-0"

GT-1-R

ROOF HATCH DET. D·9



SECTION A
SCALE 1½" = 1'-0"



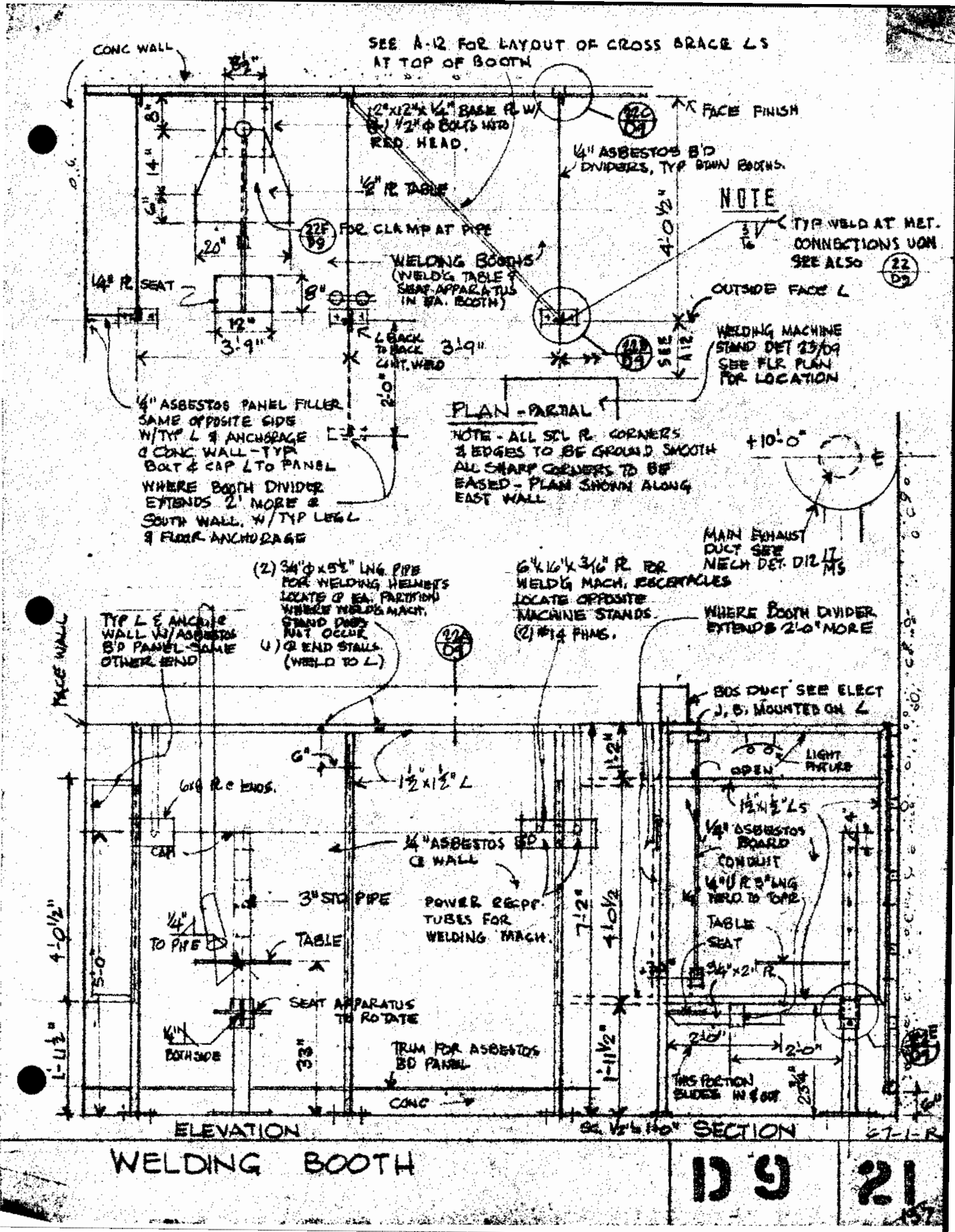
REFLECTED PLAN
SCALE 1/2" = 1'-0"

WOOD DETAIL. TESTING RM. 1850 B.

DESIGNED BY JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D	19

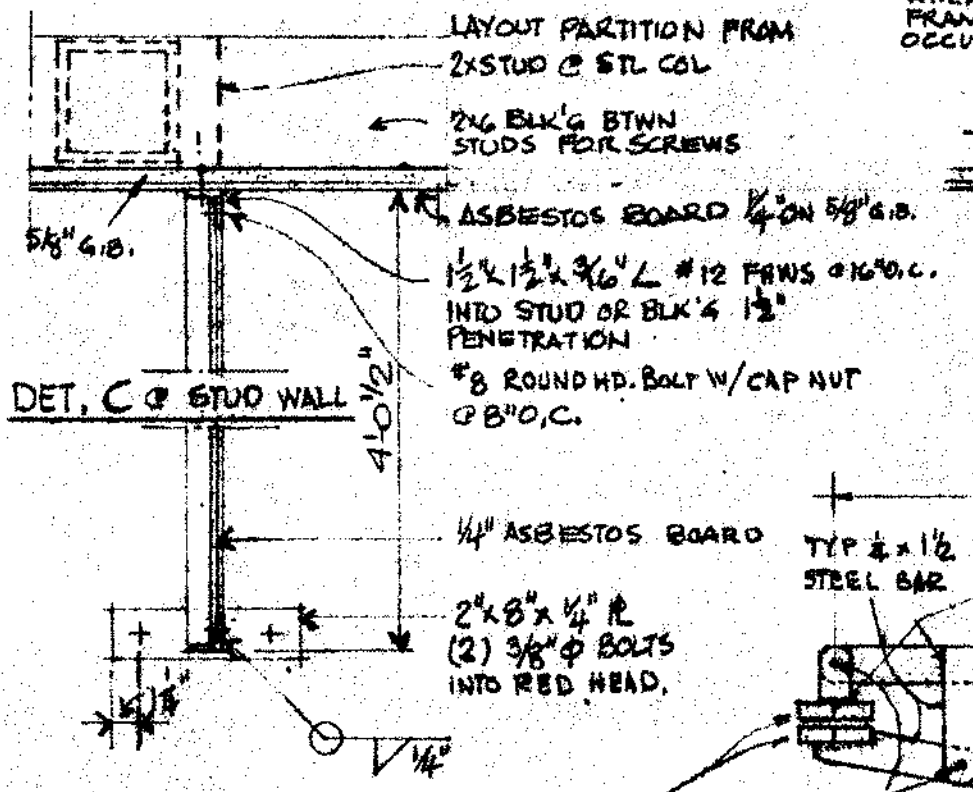
JOB 67-1-R PAGE 158

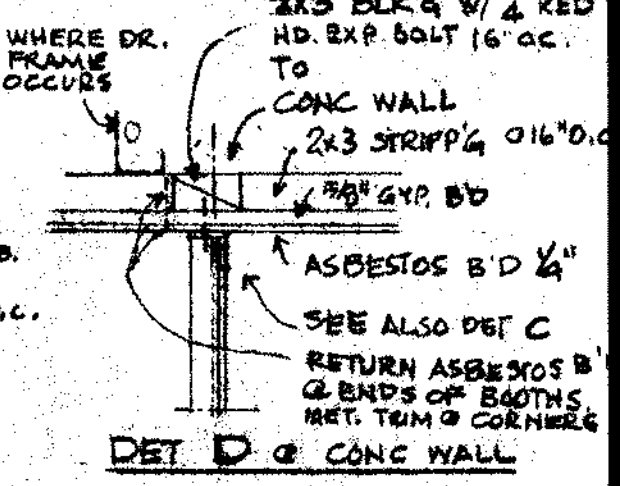


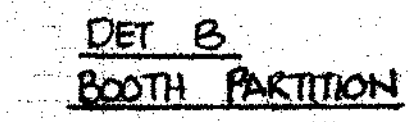
WELDING BOOTH

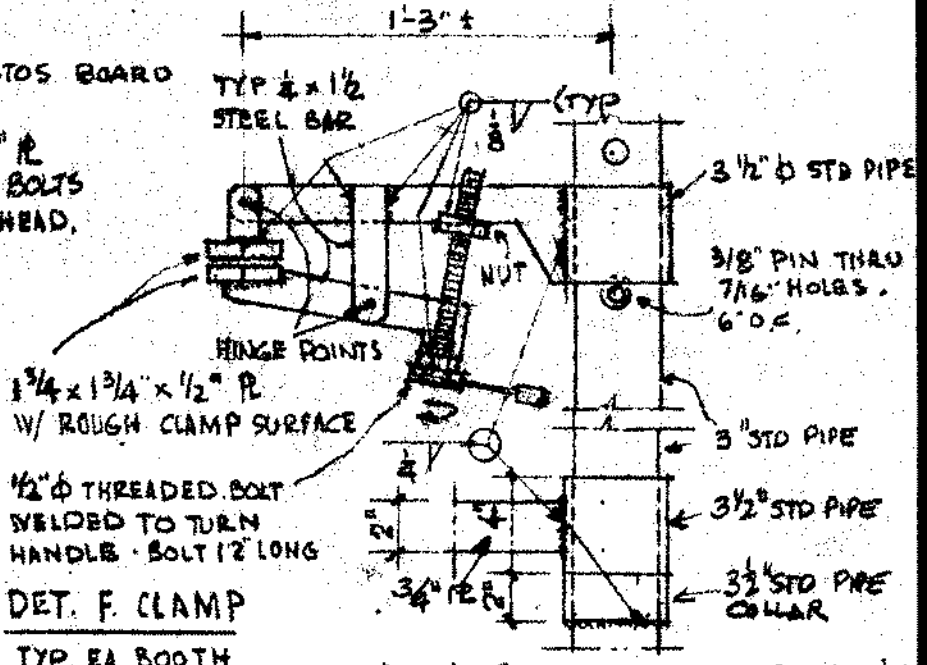
D 9

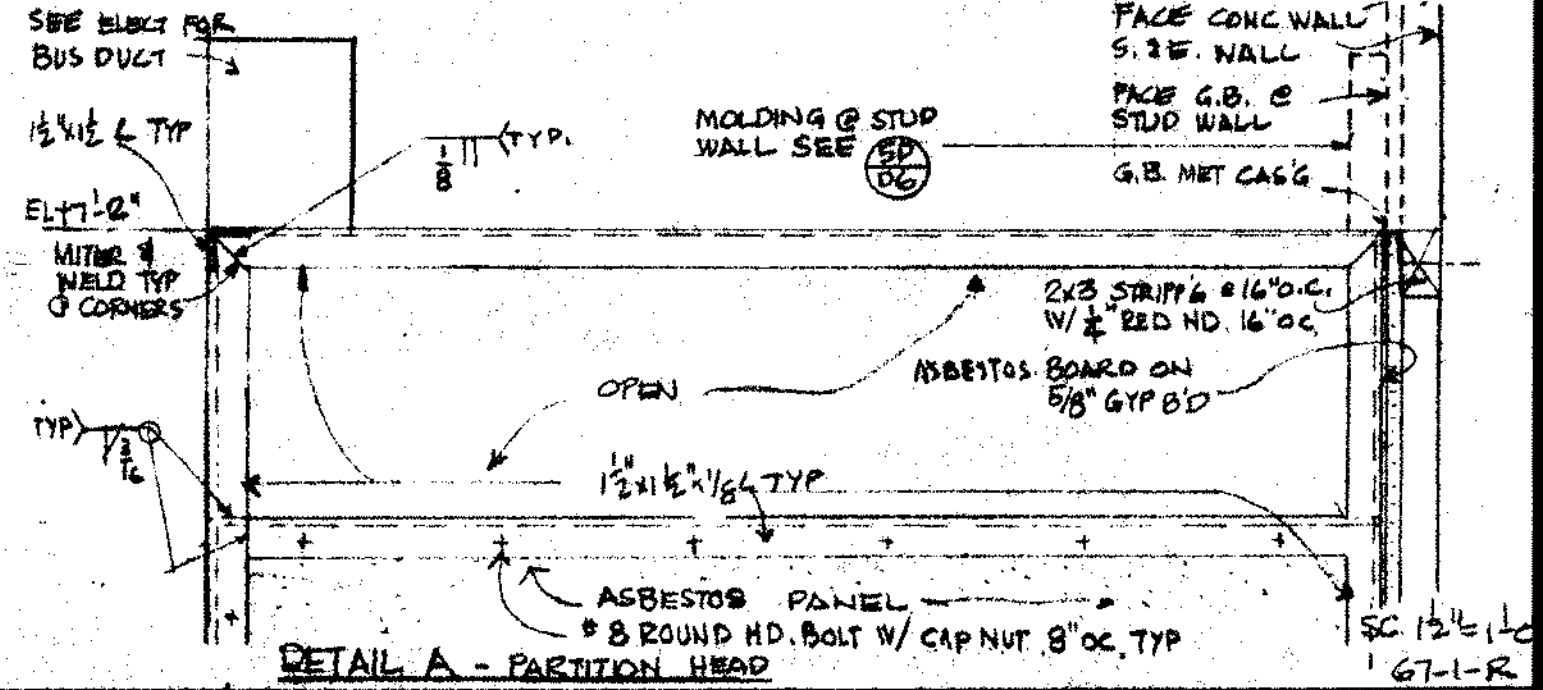
21











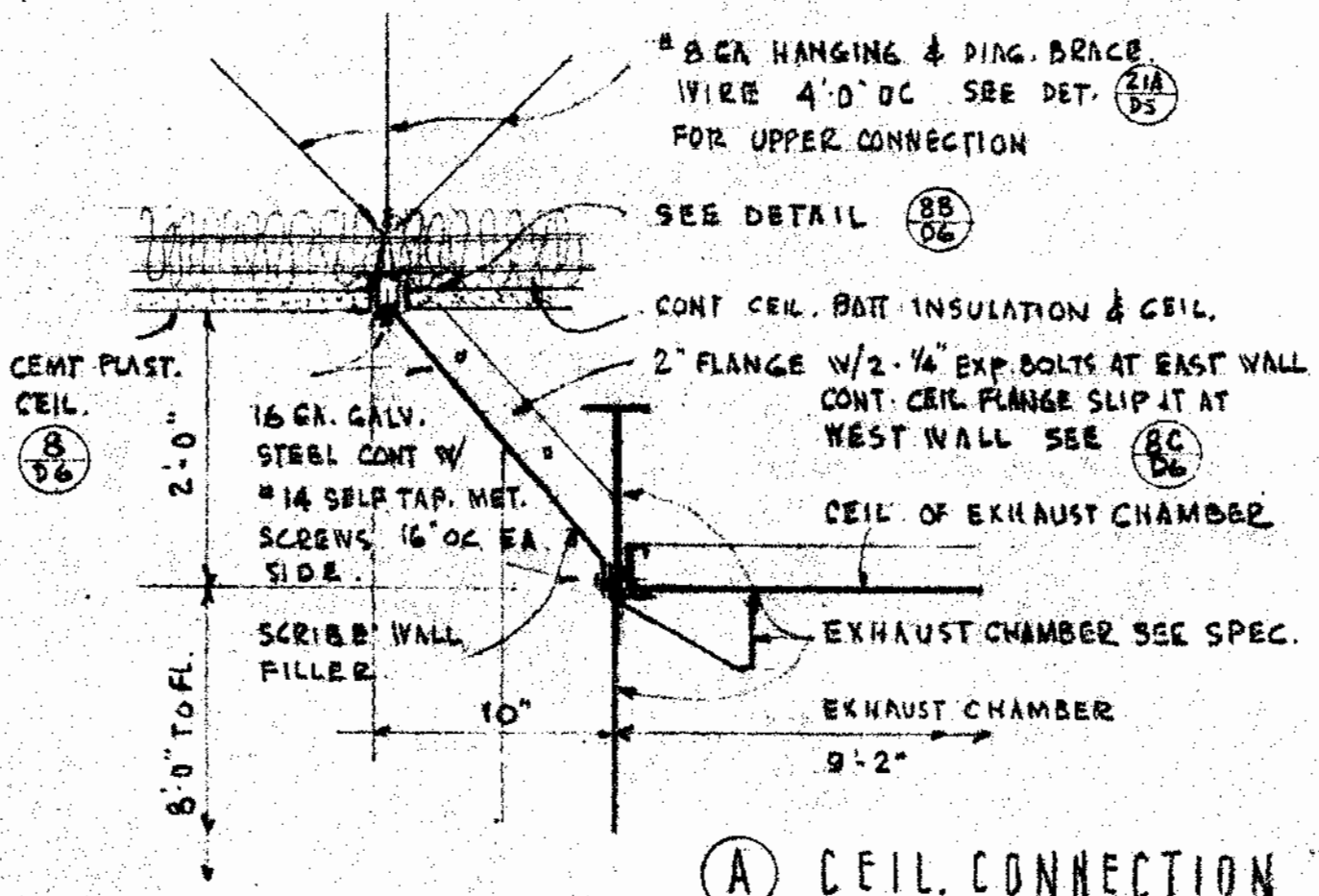
G7-1-R

WELDING BOOTH DETAILS

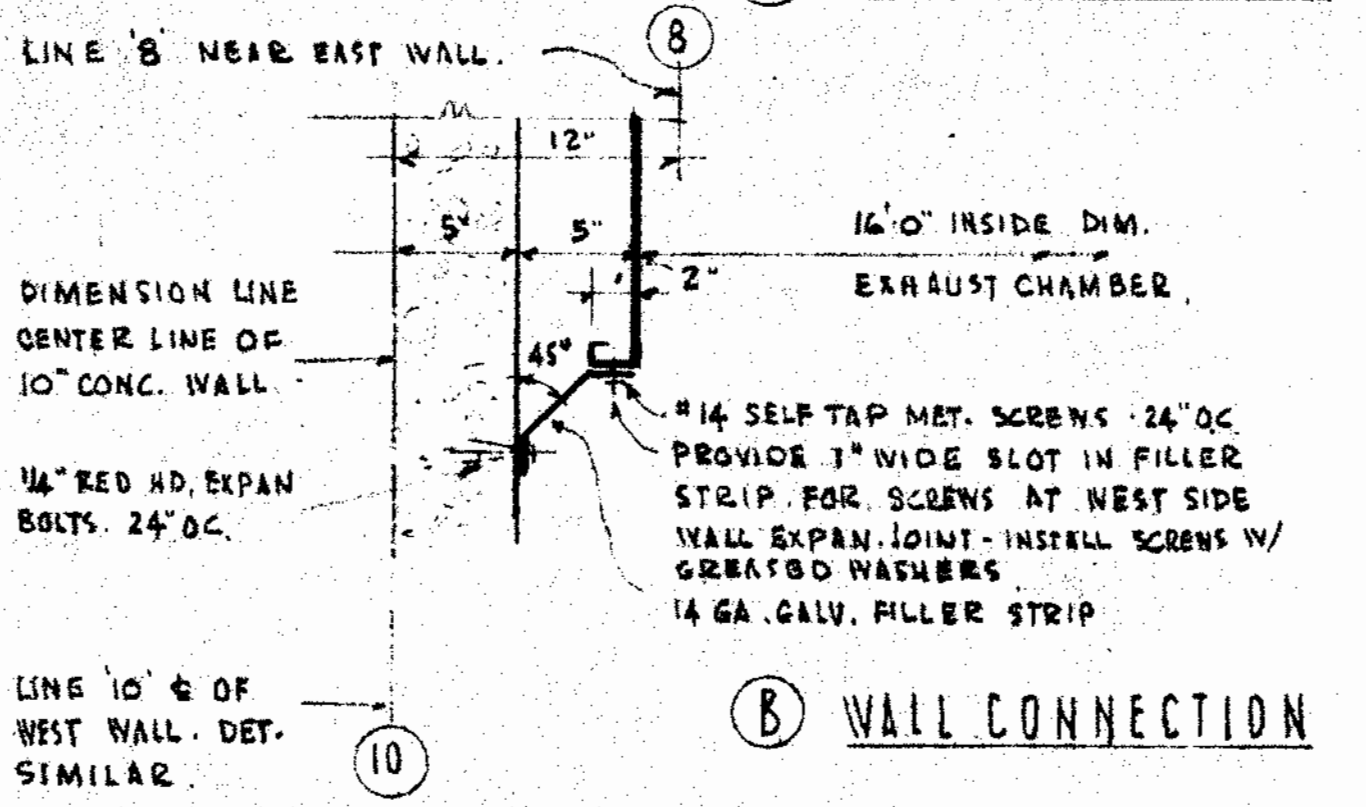
D 9

22

JOB



(A) CEIL. CONNECTION



(B) WALL CONNECTION

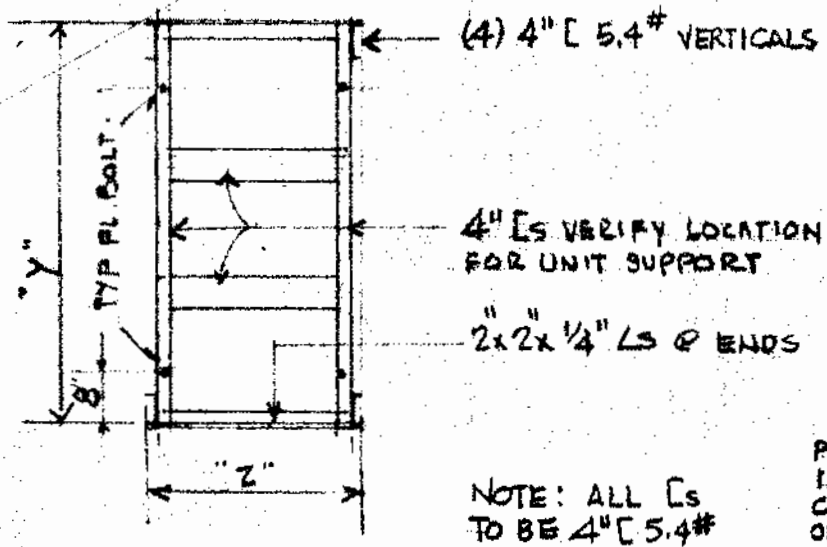
SCALE 1½" = 1'-0"

PAINT BOOTH EXHAUST CHAMBER

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

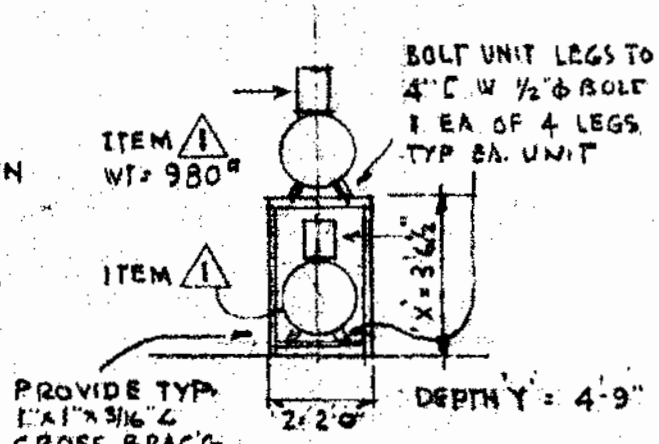
GROUP	DETAIL
D 9	20

NOTE: SEE PLAN A12 & A20 FOR INFORMATION & LOCATION OF ITEMS #1 & #3. VERIFY SIZES W/ UNITS USED.

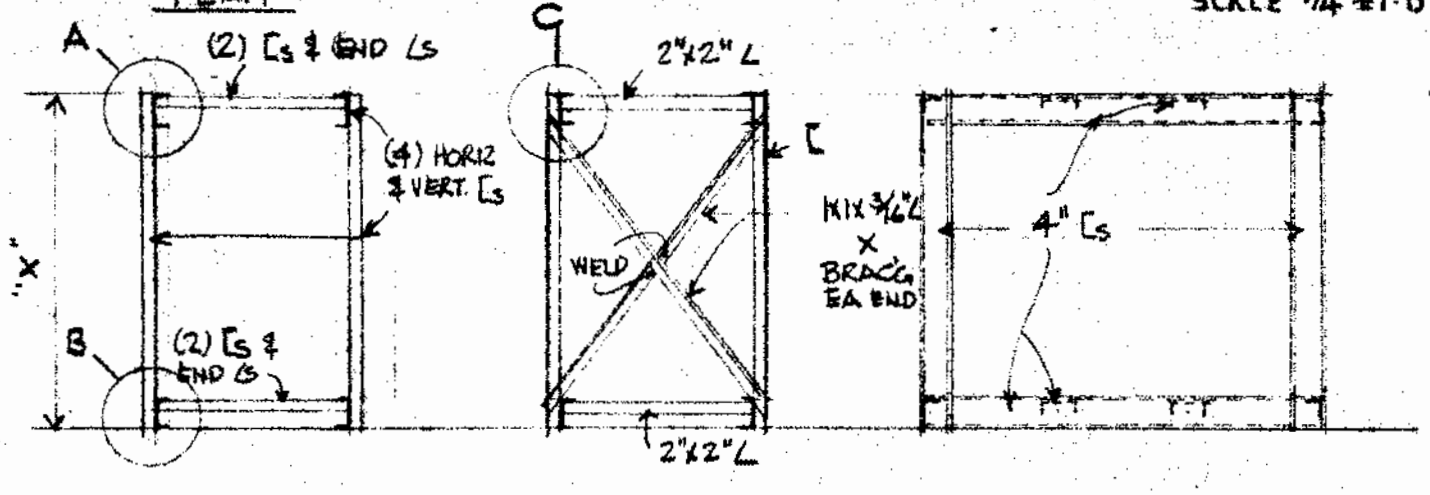


NOTE: ALL [s TO BE 4" [5.4#

PLAN



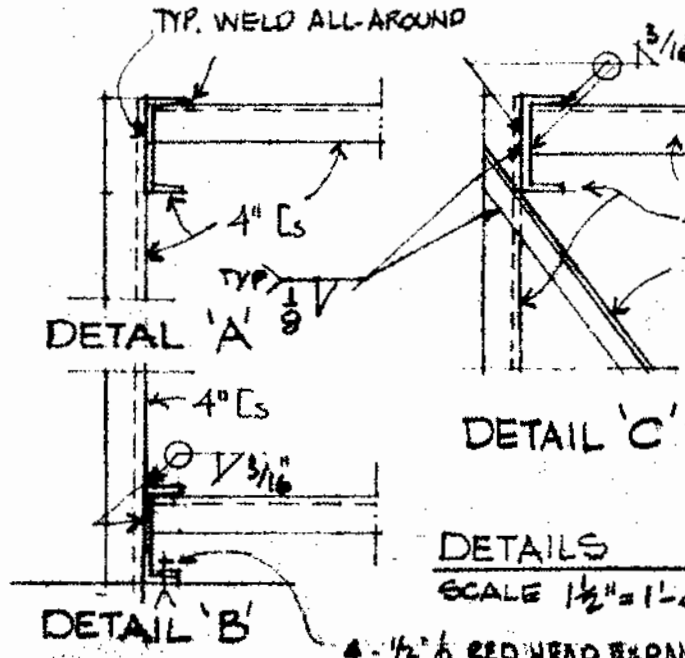
STAND FOR ITEM 1
SCALE 1/4"=1'-0"



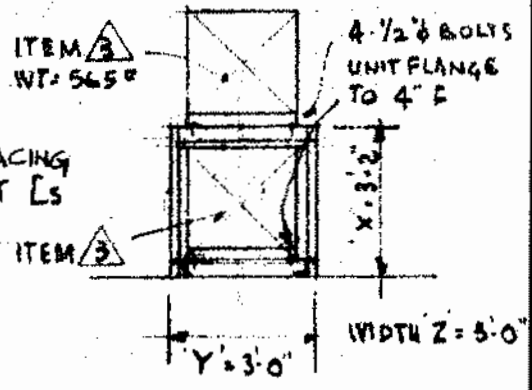
SECTION

END ELEV.

SIDE ELEVATION
SCALE 1/2"=1'-0"



DETAILS
SCALE 1 1/2"=1'-0"

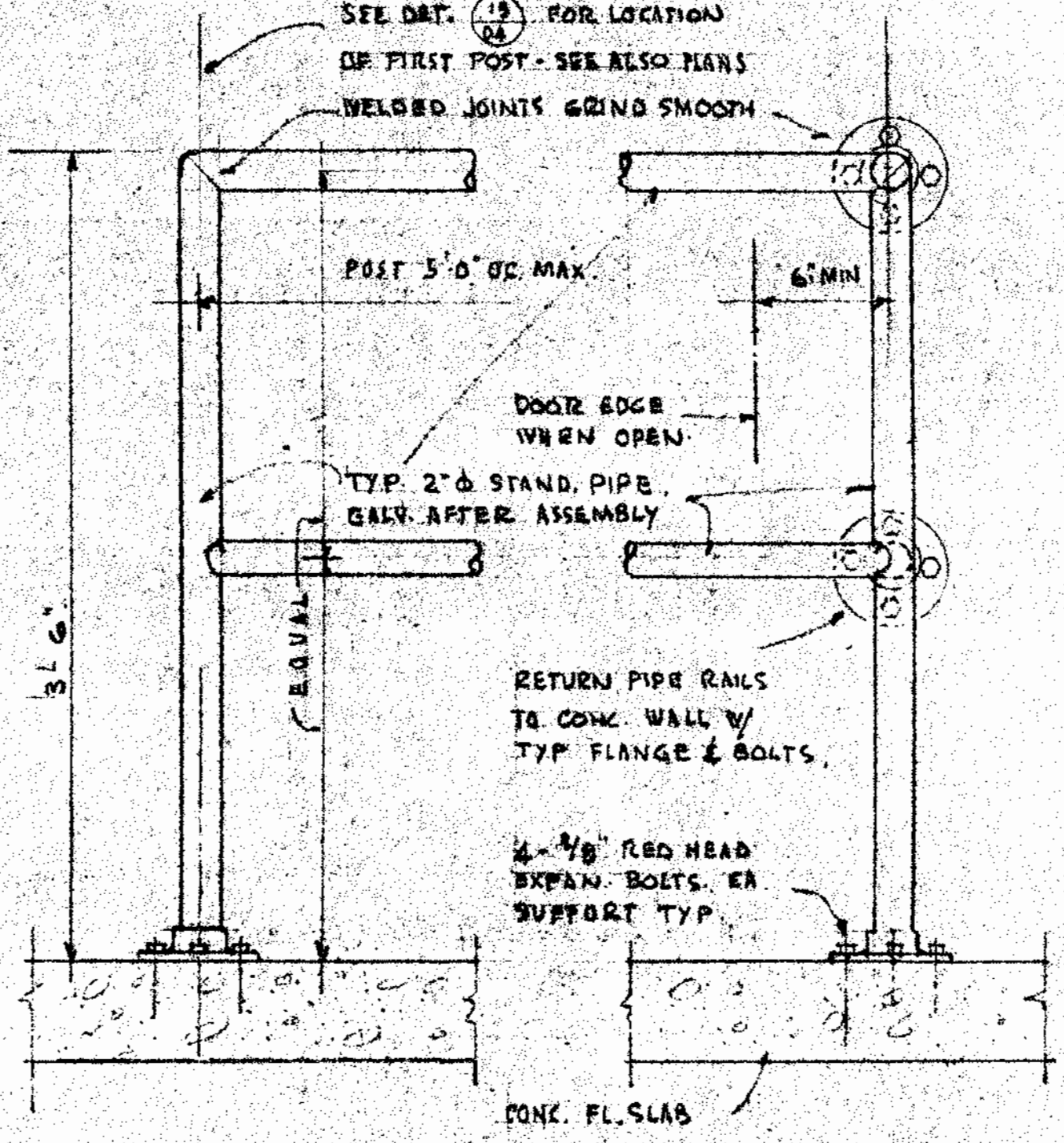


STAND FOR ITEM 3
SCALE 1/4"=1'-0"

4-1/2"ϕ RED HEAD EXPAN. BOLTS & LEVELING WASHER EA. STAND

STAND FOR WELDING MACHINE

D 9

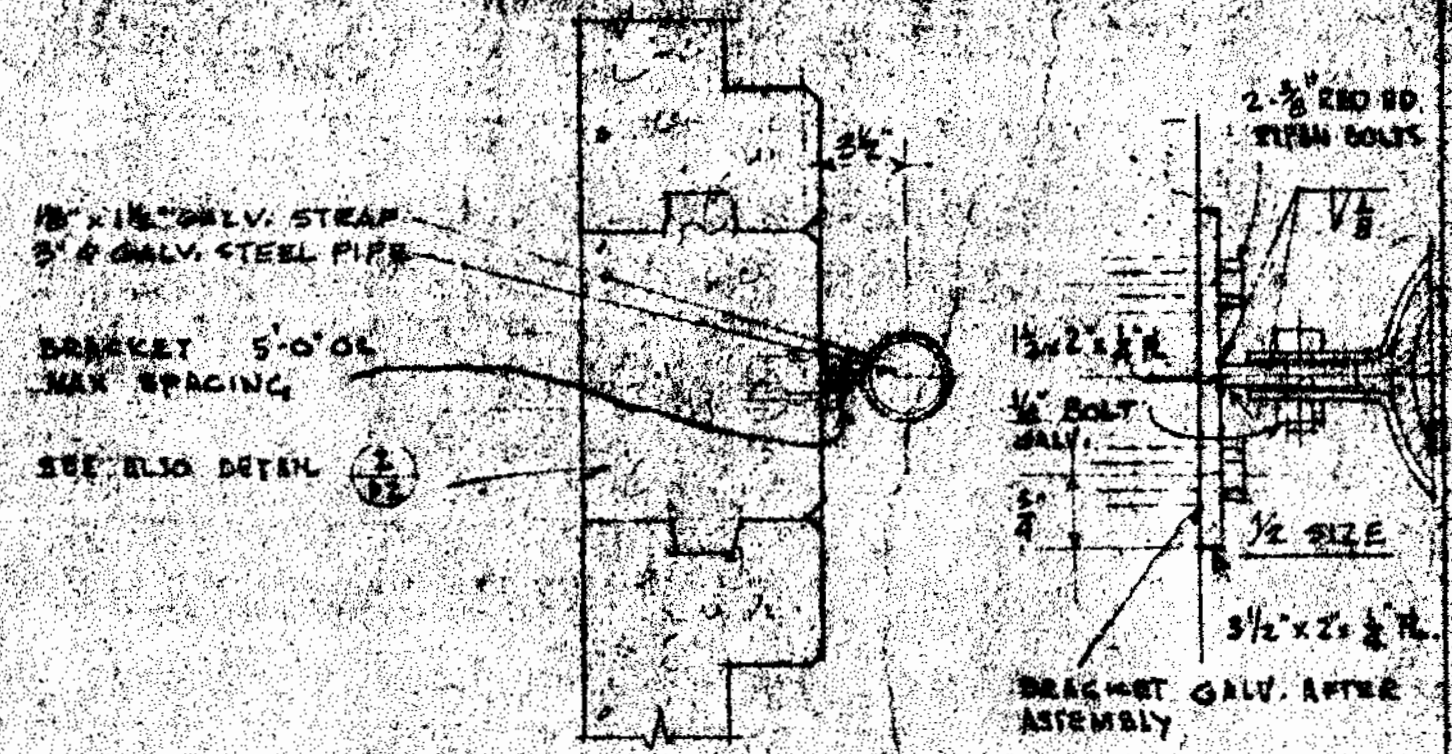


SOUTH SIDE SHOWN - NORTH SIDE SIM. & OPPOSITE

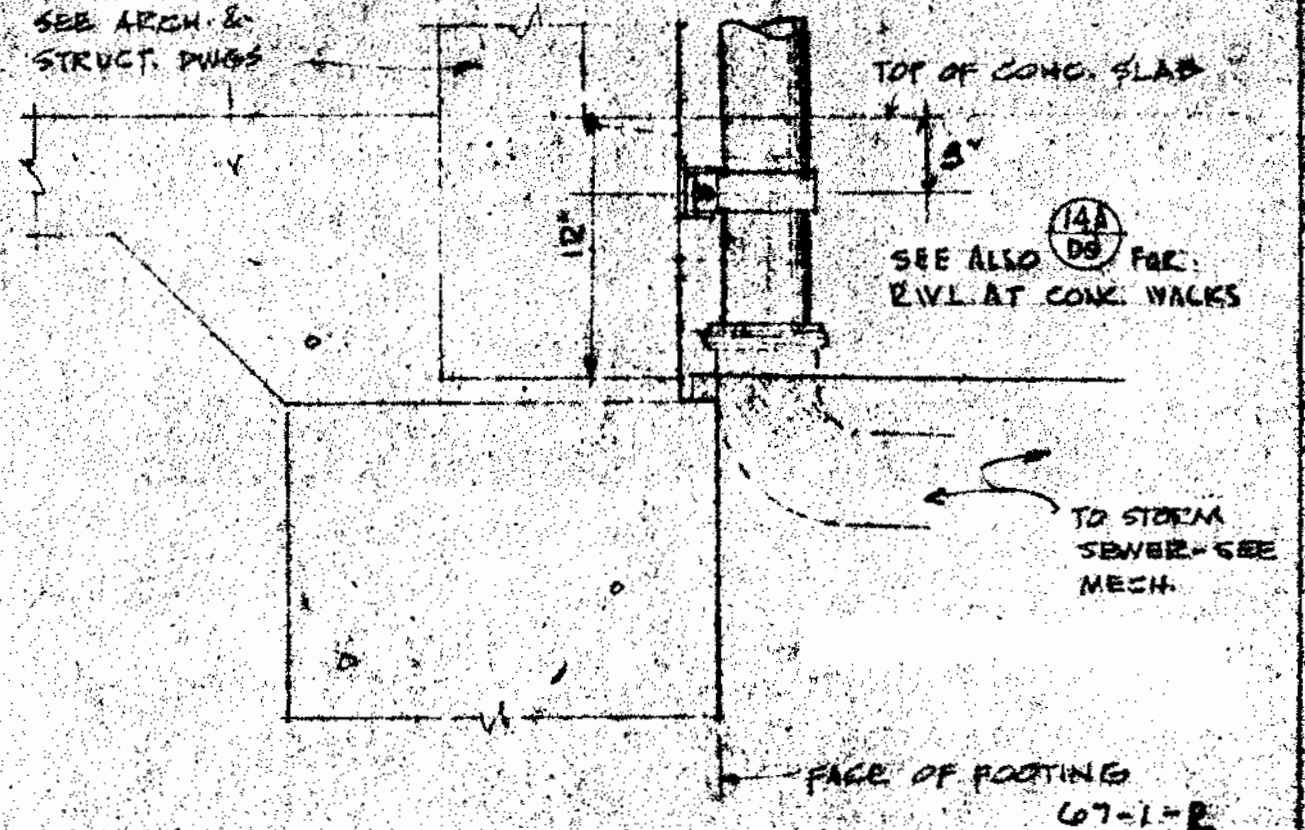
PIPE RAIL DETAIL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 9	24



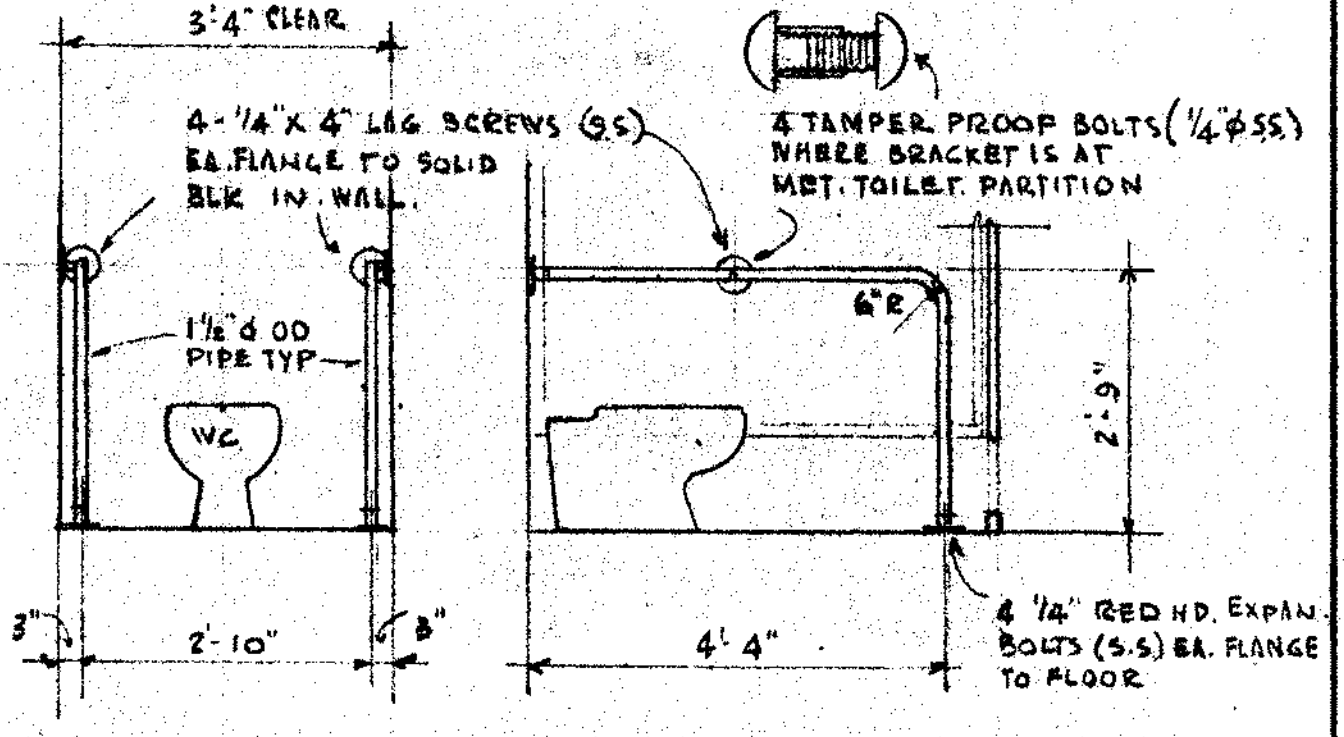
INTERMEDIATE RWL SUPPORT



SCALE 1½" = 1'-0"

RAIN WATER LEADER

D9 25



PIPE & FLANGES TO BE STAINLESS STEEL TYPE 304 SATIN FIN. (180 GRIT)
ALL JOINTS COPED, WELDED & GROUND SMOOTH

SCALE ½" = 1'-0"

GRAB BAR AT HANDICAP CUBICAL

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

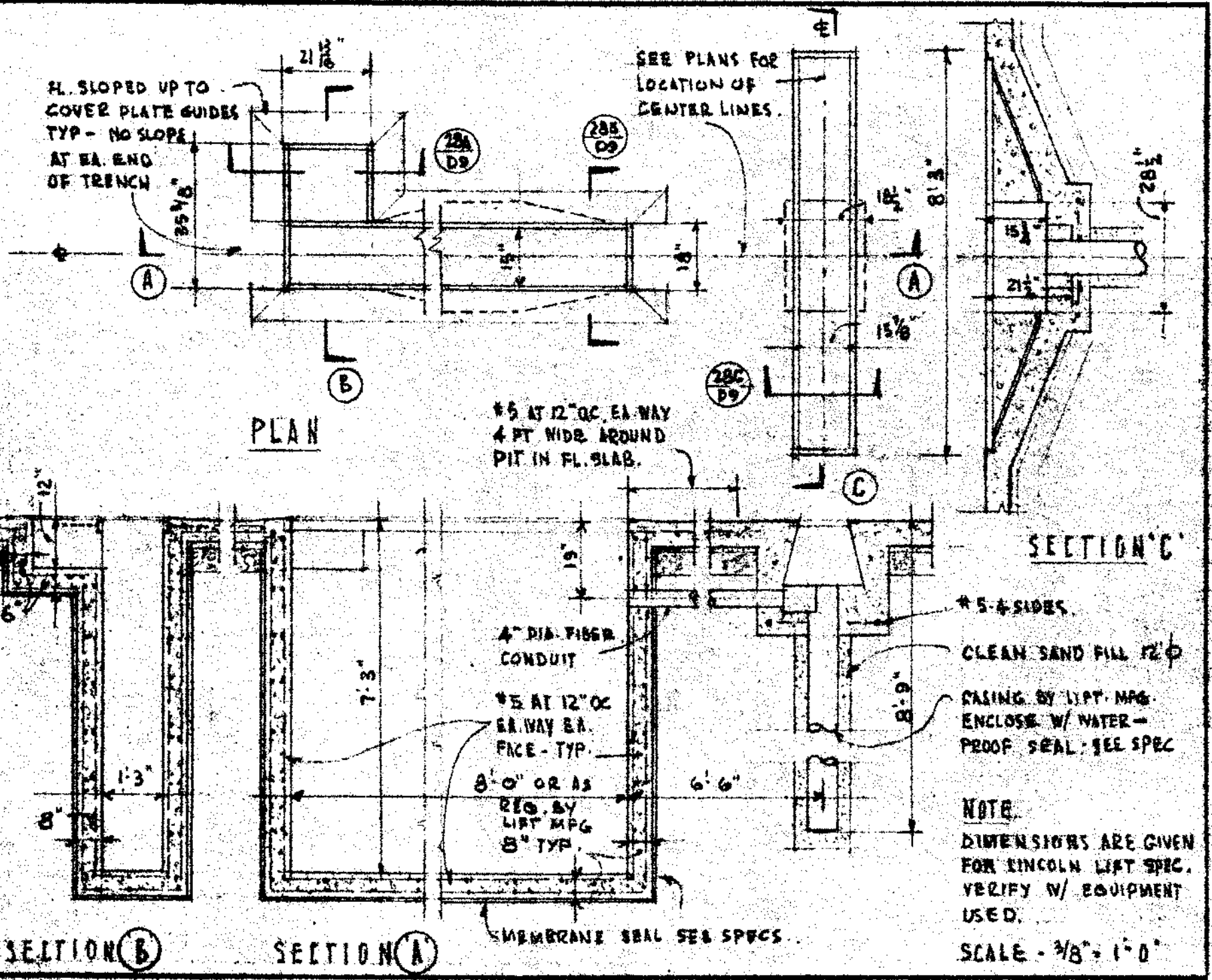
GROUP	DETAIL
D 9	26

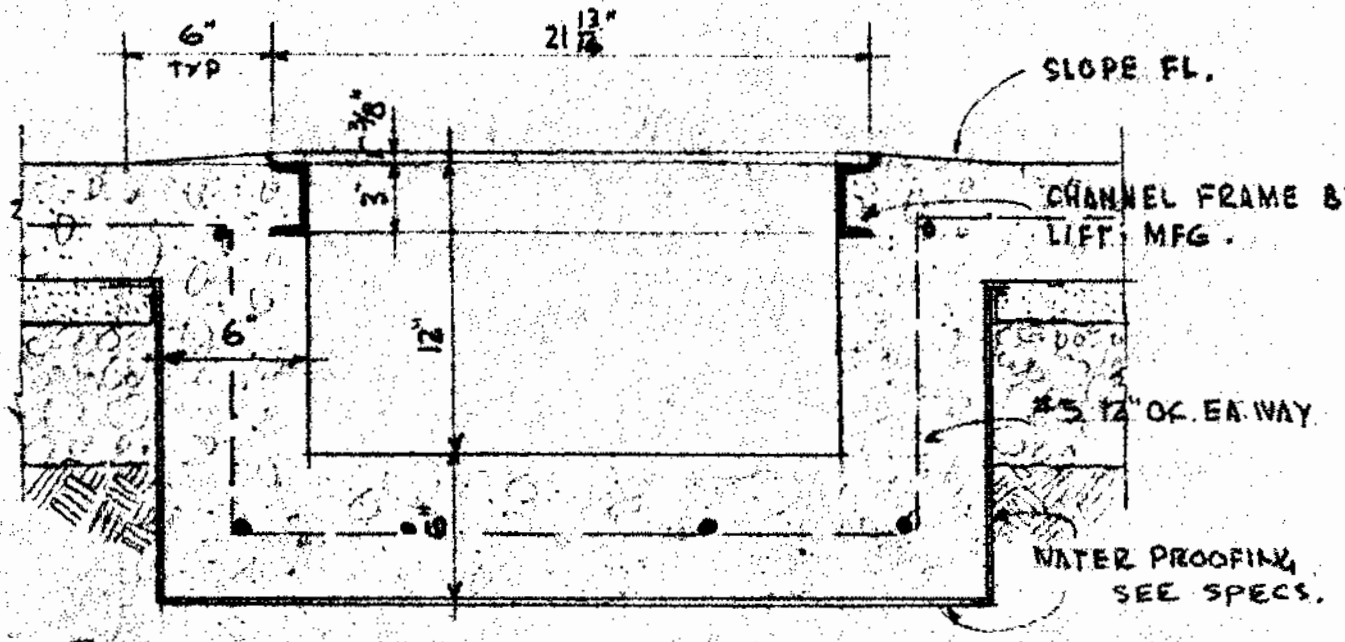
JOB 67-1R PAGE 142

TWIN POST AUTO LIFT

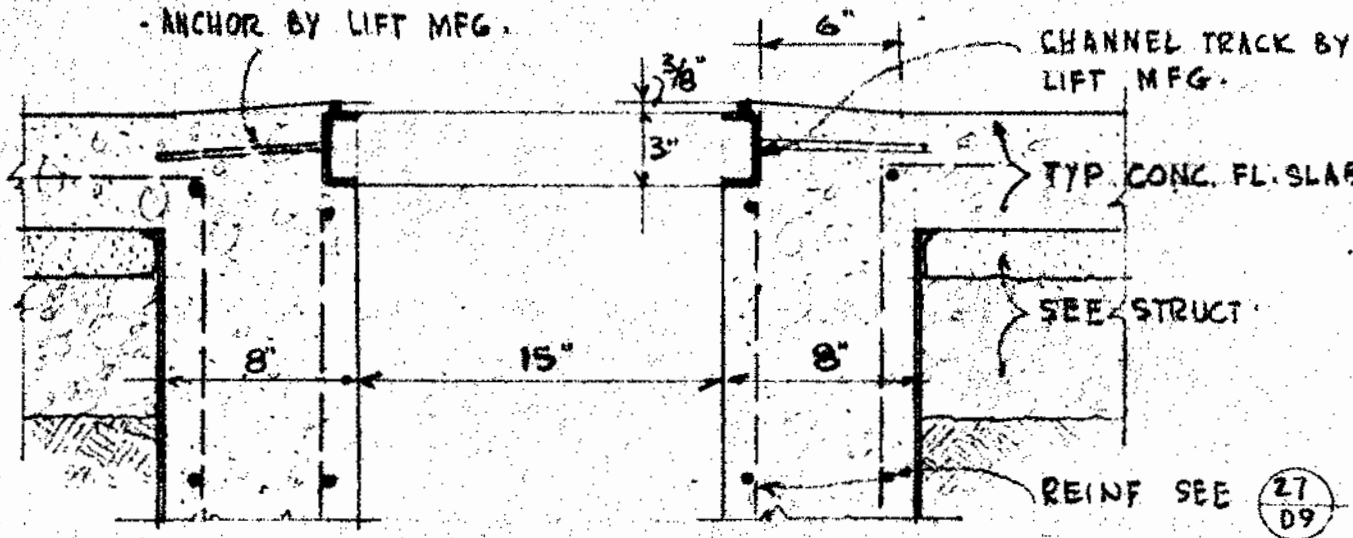
BILL W. JOHNSON, POOLE & STORM, ARCHITECTS

DETAIL 27 GROUP D9

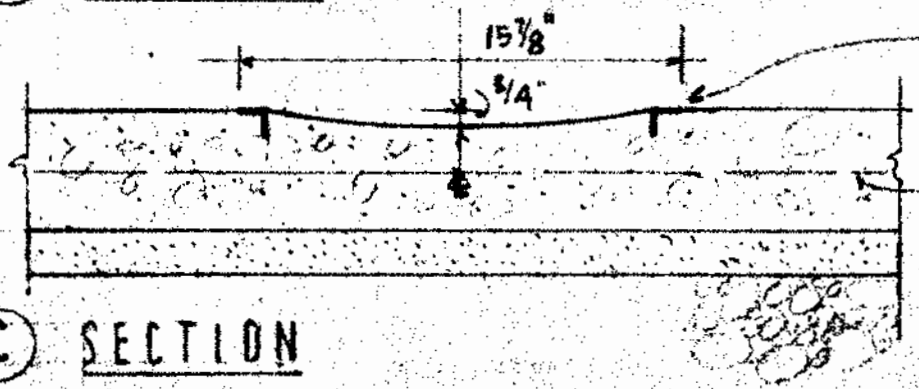




(A) SECTION



(B) SECTION



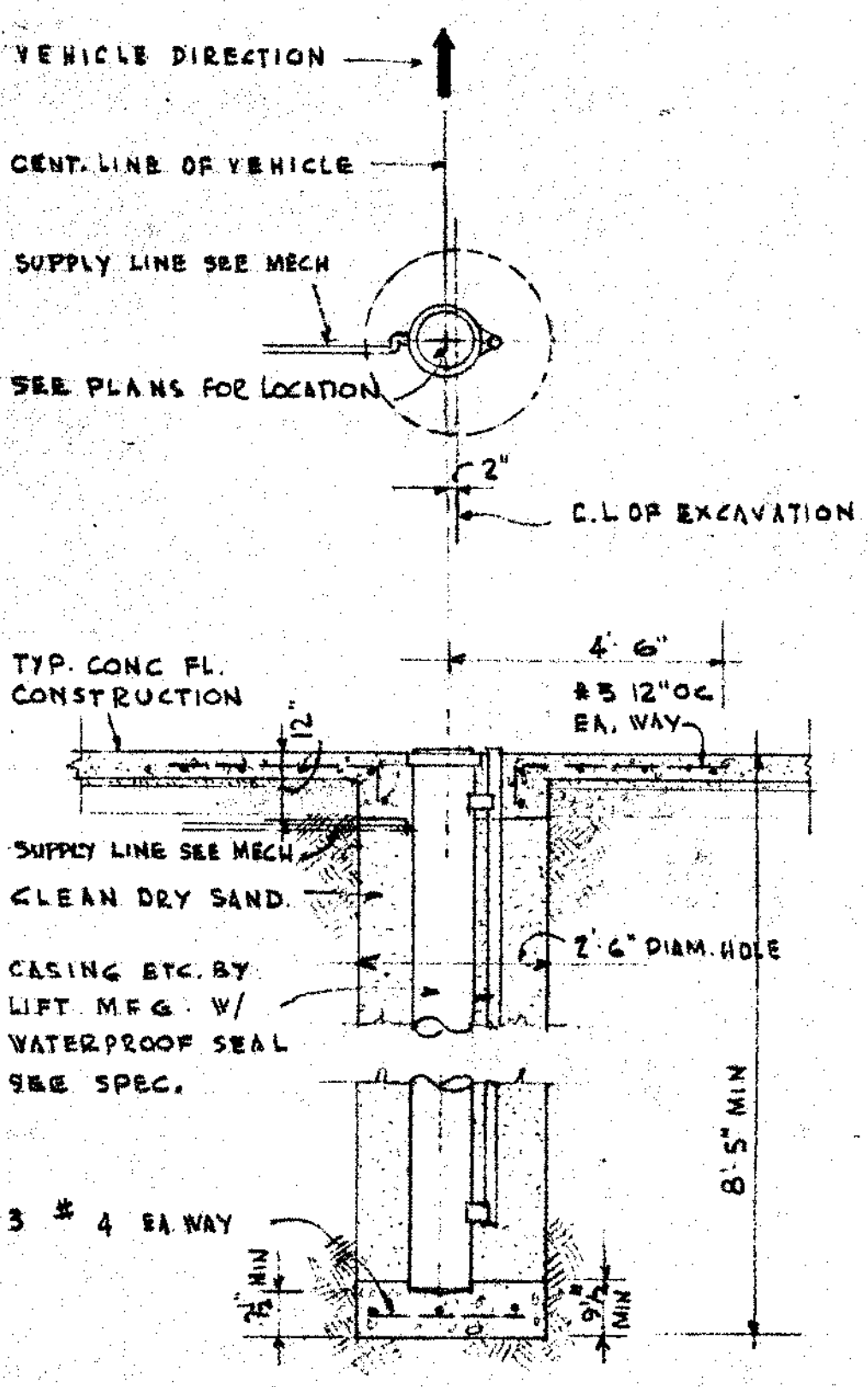
(C) SECTION

SCALE 1½" = 1'0"

TWIN POST AUTO LIFT - DETAILS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D9	20

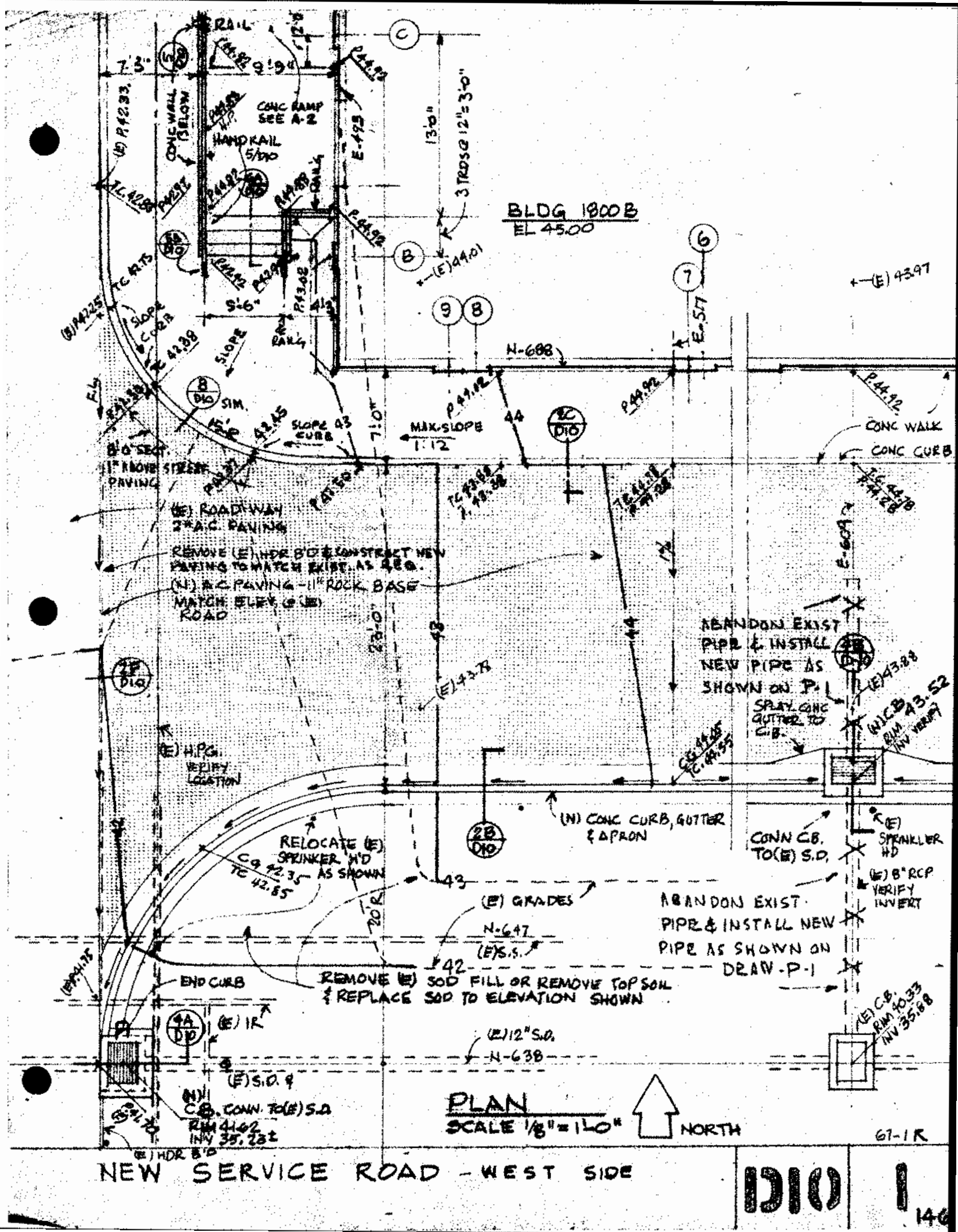


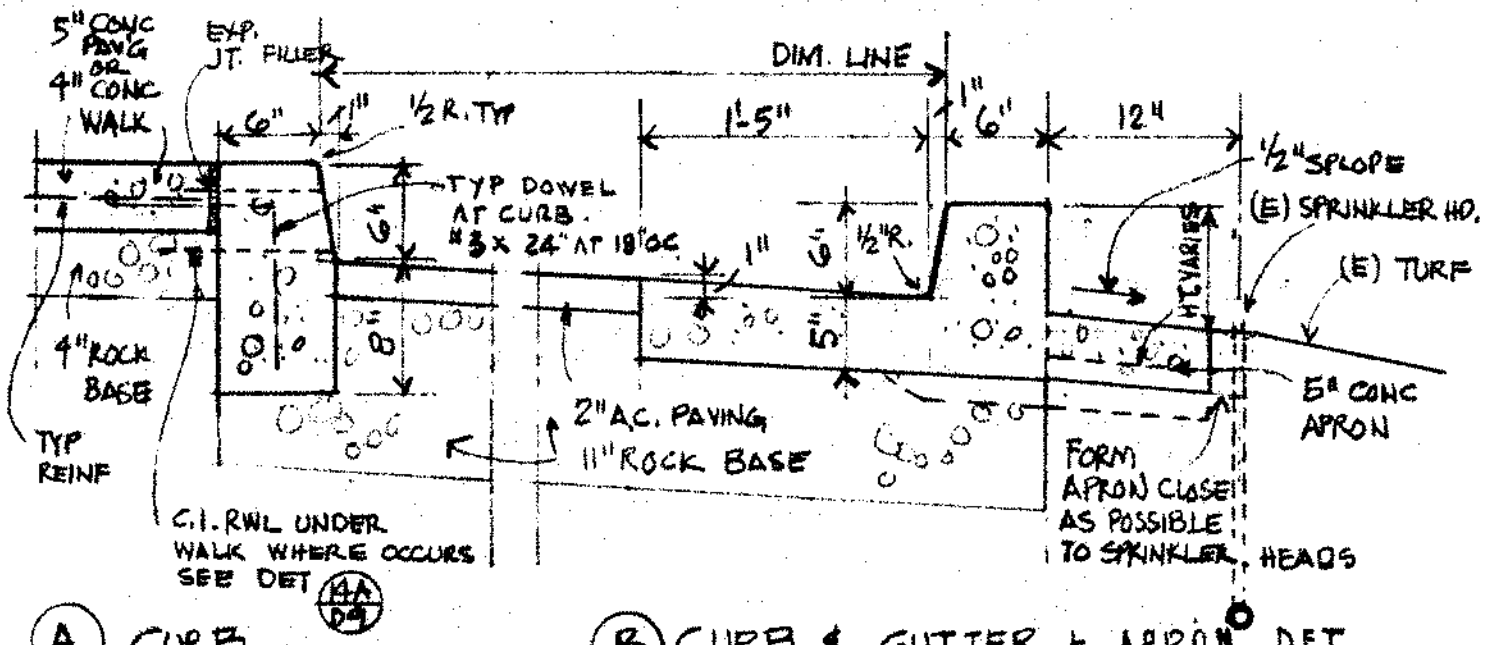
NO SCALE

SINGLE POST AUTO LIFT

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

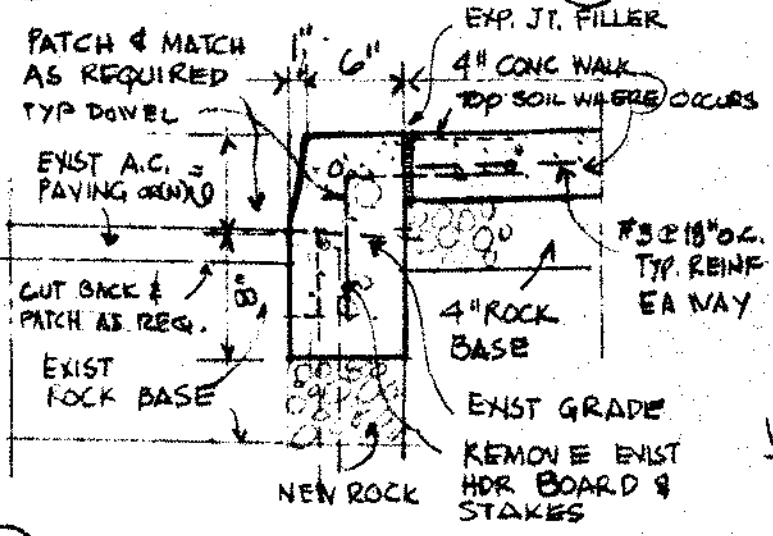
GROUP	DETAIL
D 9	29


BLDG 1800B
EL 45.00
CONC RAMP SEE A-2
HANDRAIL 5/D10
CONC WALL BELOW
3 TREDS @ 12" = 3'-0"
13'-0"
7'-5"
9'-9"
5'-6"
MAX. SLOPE 1:12
SLOPE CURB
SLOPE
8'-0" SEAT 1" ABOVE STREET PAVING
CONC WALK
CONC CURB
(E) ROADWAY 2" A.C. PAVING
REMOVE (E) HDR B'D & CONSTRUCT NEW PAVING TO MATCH EXIST. AS REQ.
(N) A.C. PAVING - 11" ROCK BASE MATCH ELEV. @ (E) ROAD
ABANDON EXIST PIPE & INSTALL NEW PIPE AS SHOWN ON P-1
SPRAY CONC GUTTER TO C.B.
(N) C.B. RIM 43.52 INV VERIFY
(E) H.P.G. VERIFY LOCATION
(N) CONC CURB, GUTTER & APRON
CONN C.B. TO (E) S.D.
(E) SPRINKLER HD
RELOCATE (E) SPRINKLER H'D AS SHOWN
(E) B" RCP VERIFY INVERT
(E) GRADES
ABANDON EXIST PIPE & INSTALL NEW PIPE AS SHOWN ON DRAW. P-1
END CURB
REMOVE (E) SOD FILL OR REMOVE TOP SOIL & REPLACE SOD TO ELEVATION SHOWN
(E) C.B. RIM 40.33 INV 35.68
(E) 12" S.D.
(E) S.D.
(N) C.B. CONN. TO (E) S.D. RIM 41.62 INV 35.28±
(E) HDR B'D
N-688
N-647
N-638
E-423
E-577
E-609
P-44.92
P-43.62
P-42.33
P-41.12
P-42.45
TC 42.75
TC 42.38
TC 42.65
TC 42.35
TC 43.98
TC 43.38
TC 44.78
TC 44.28
TC 44.55
TC 44.45
(E) 43.97
(E) 43.28
(E) 43.78
(E) 44.15
(E) 41.75
20'R
PLAN
SCALE 1/8" = 1'-0"
NORTH
67-1R
NEW SERVICE ROAD - WEST SIDE
D10
1
146

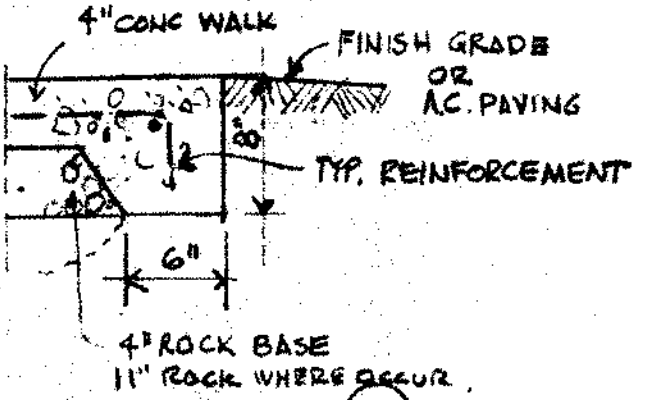


(A) CURB

(B) CURB & GUTTER & APRON DET.

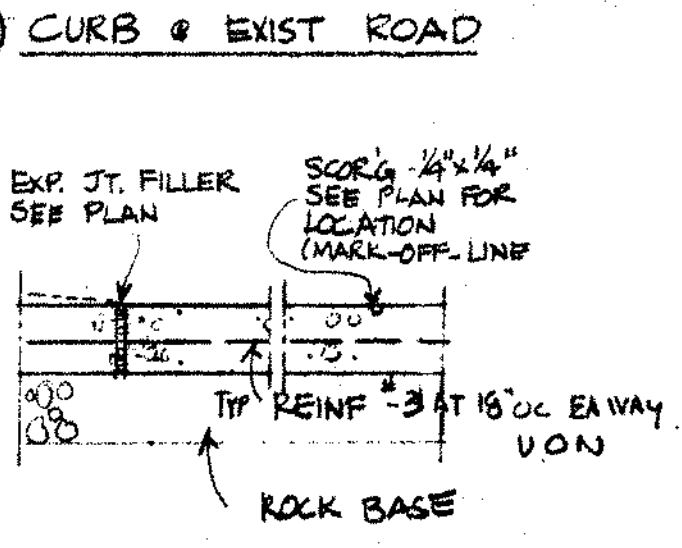


(C) CURB @ EXIST ROAD

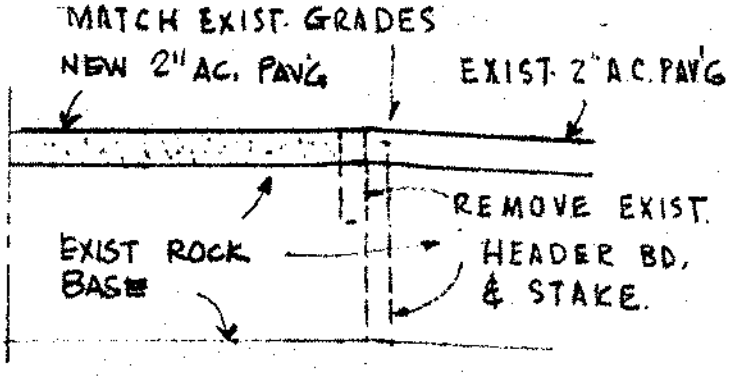


WALK EDGE (D)

NOTE.
AT EXTER CONC. SLAB AT NORTH SIDE OF BLDG 1800 A. REINF. TO BE #4 AT 12" OC EA WAY



(E) EXPANSION JT. & MARK-OFF-LINE

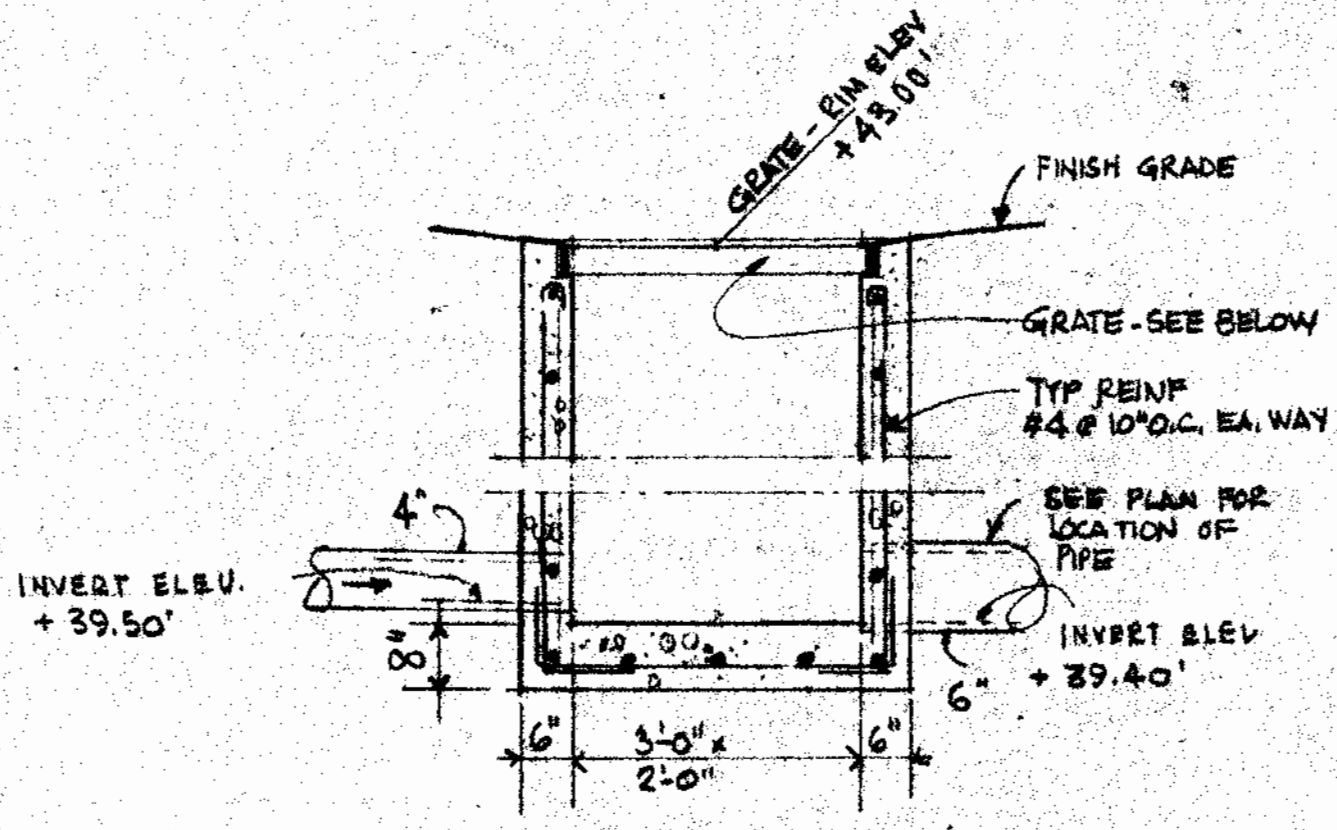


(F) A.C. PAVING

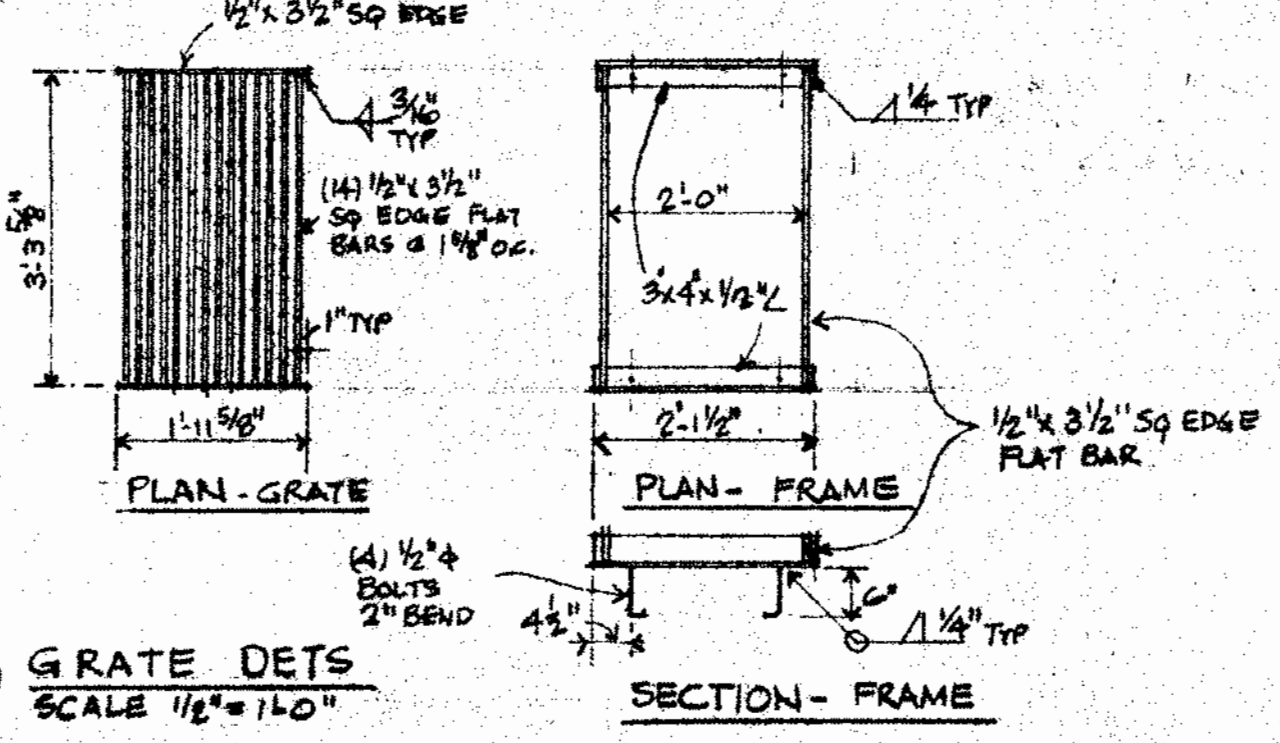
SCALE 1" = 1'-0"

67-1-R

CONC CURB, GUTTER & PAVING DETS | D10 | 2



(A) CATCH BASIN #1
SCALE



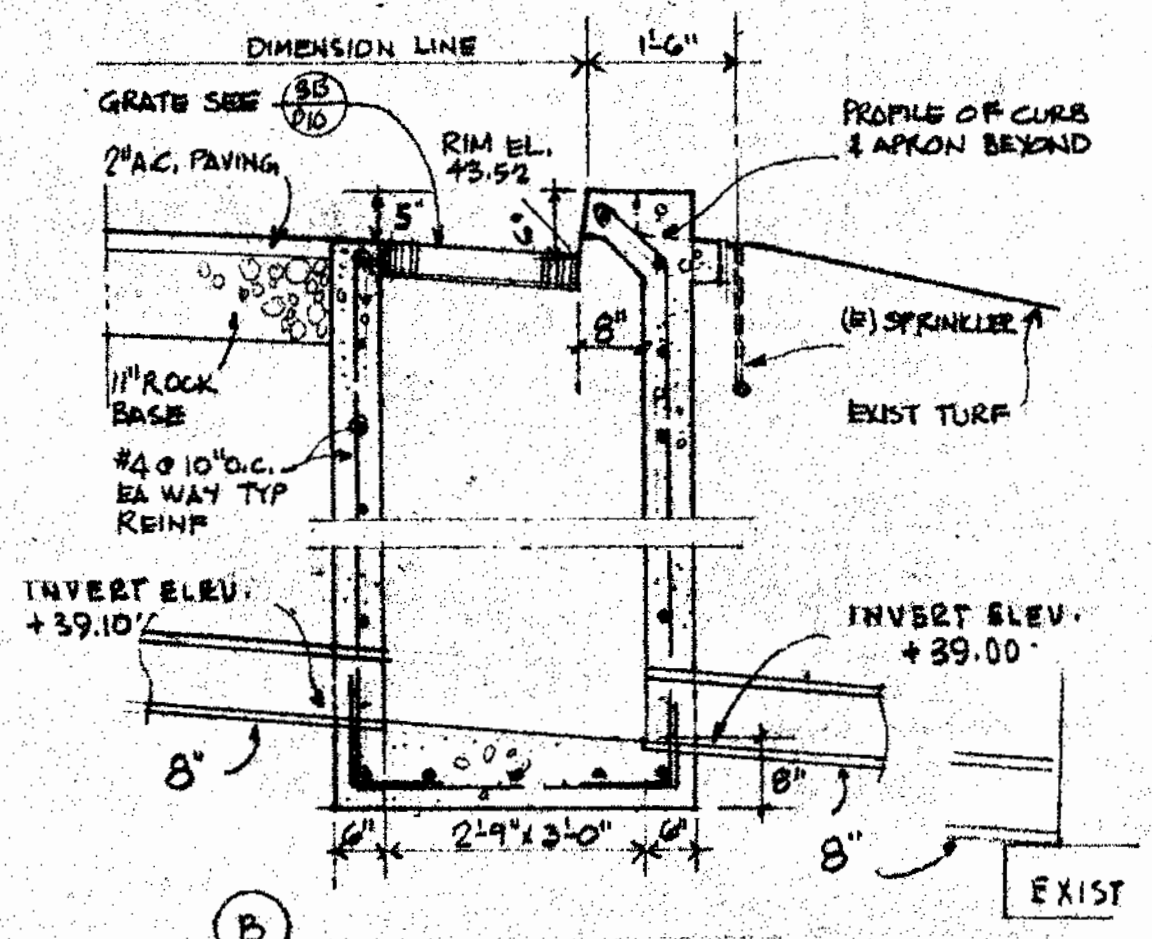
(B) GRATE DETS
SCALE 1½" = 1'-0"

CATCH BASIN & GRATE DETS

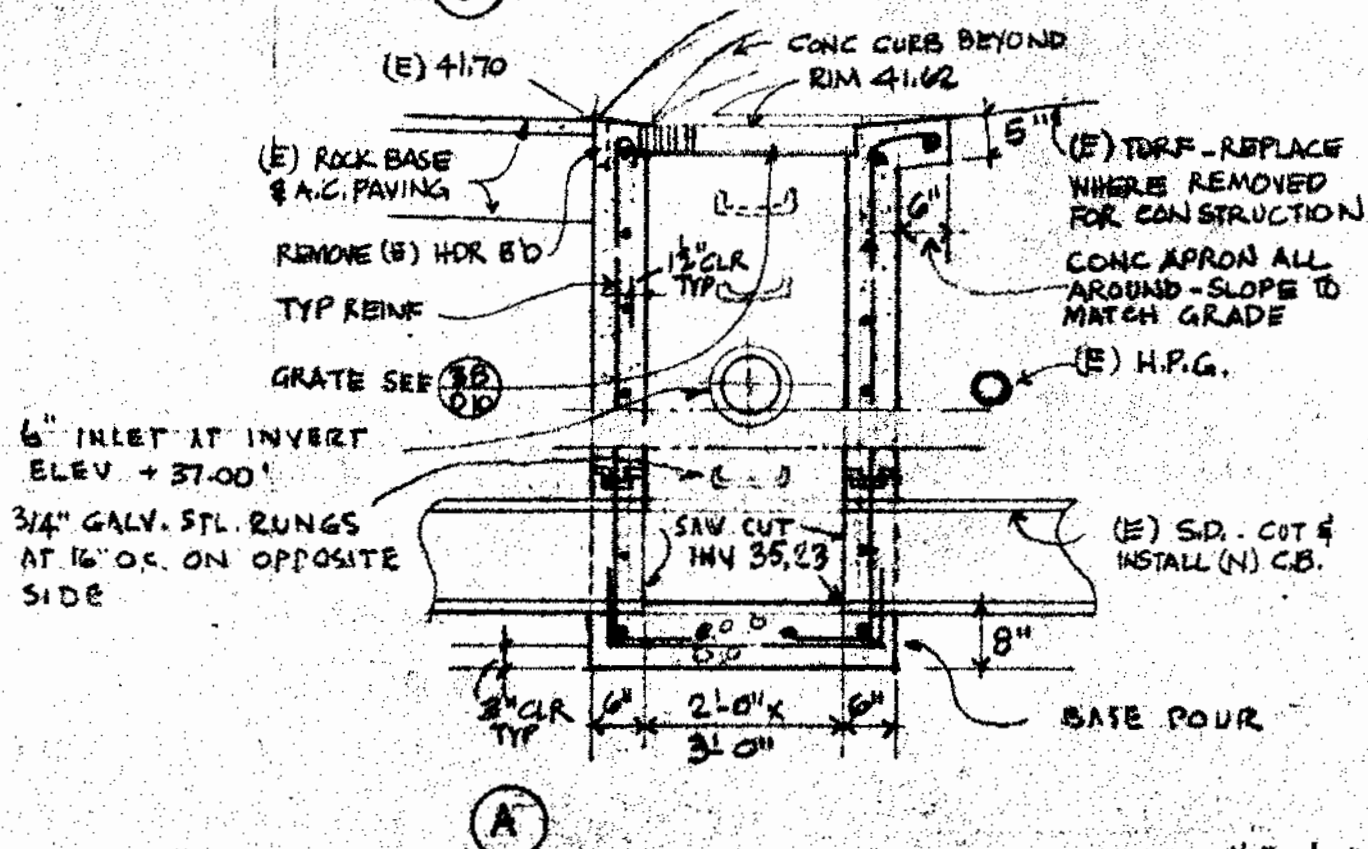
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D10	3

JOB 6716 PAGE 146



B



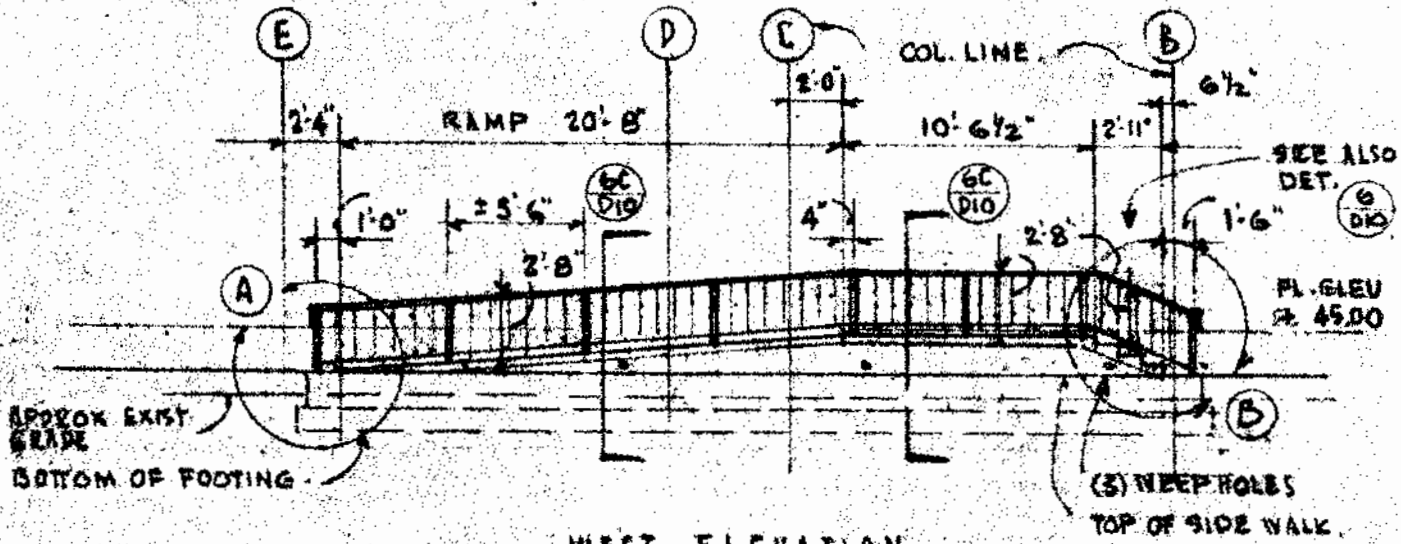
A

SCALE 1½" = 1'-0"

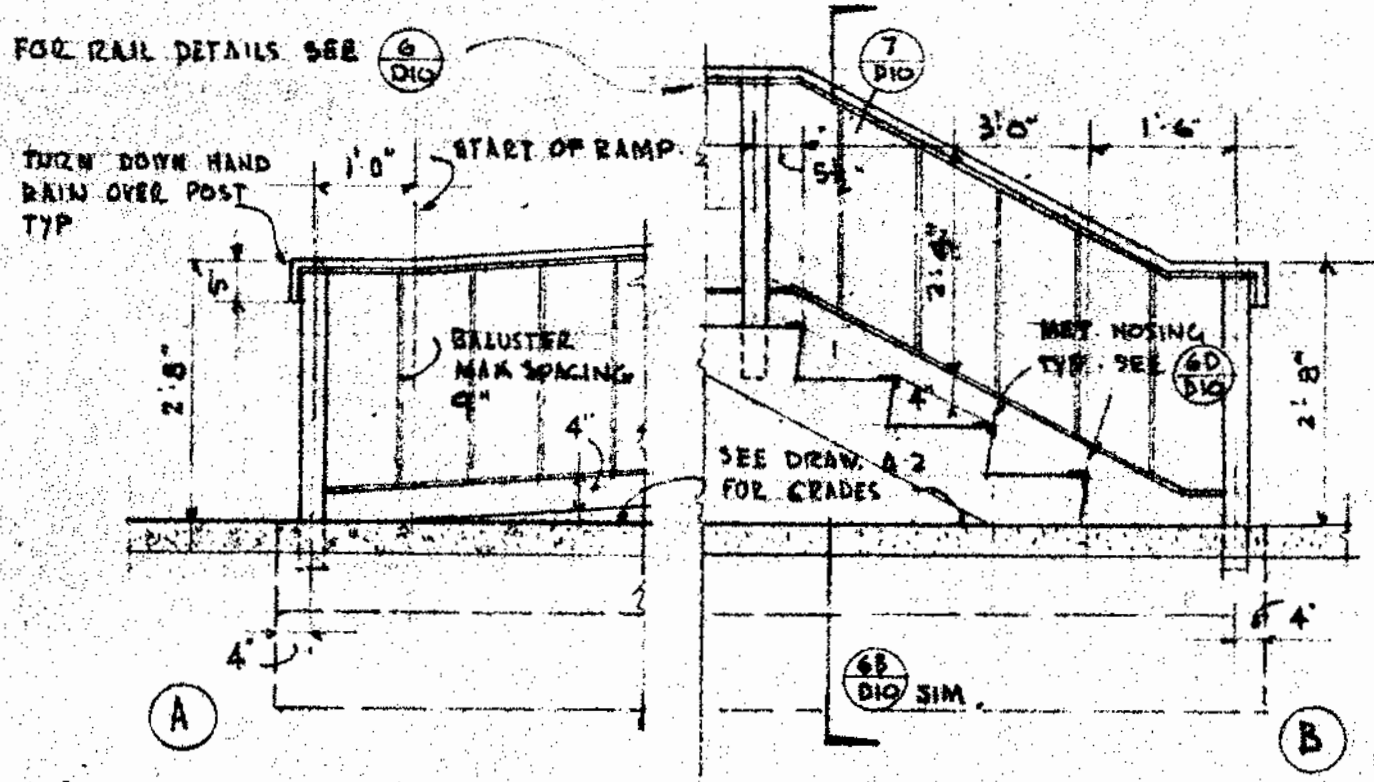
CATCH BASIN DETAILS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D10	4



WEST ELEVATION
SCALE 1/8" = 1'-0"



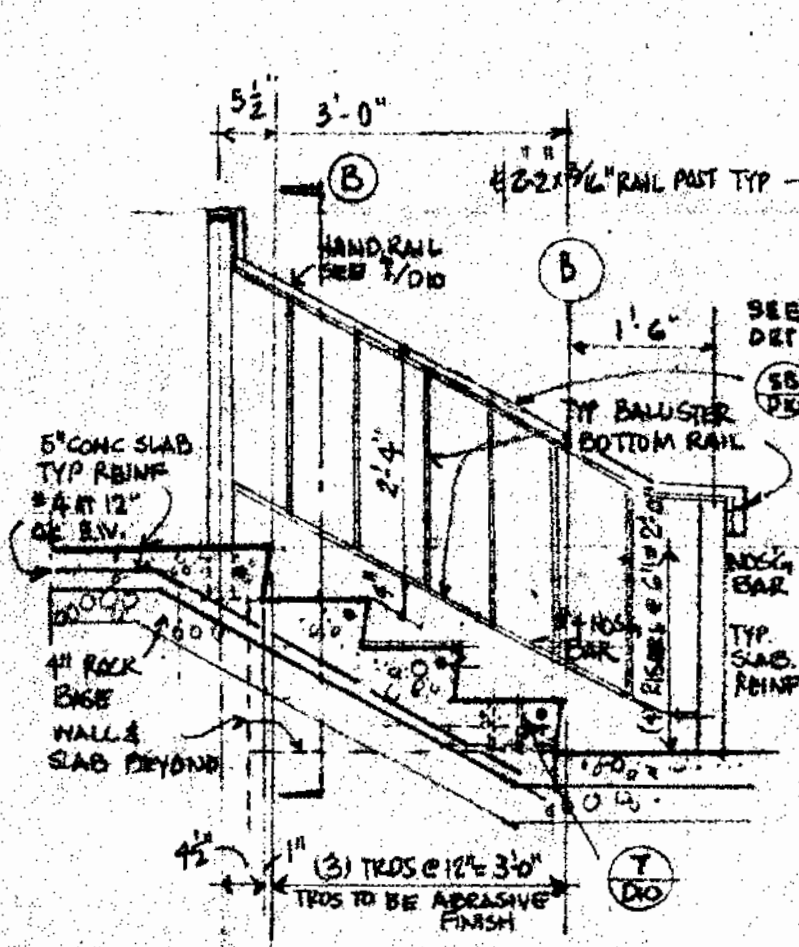
GUARD RAIL DETAIL SCALE ½" = 1'-0"

METAL RAILING DETAILS

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

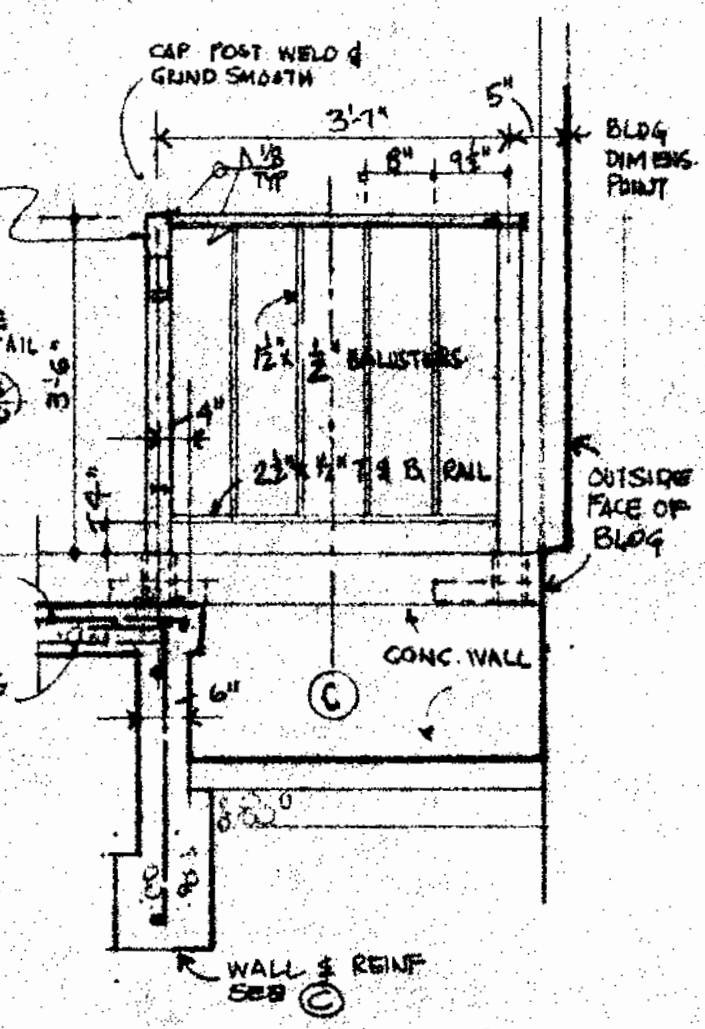
GROUP	DETAIL
D10	5

JOB 67-1R PAGE 15a



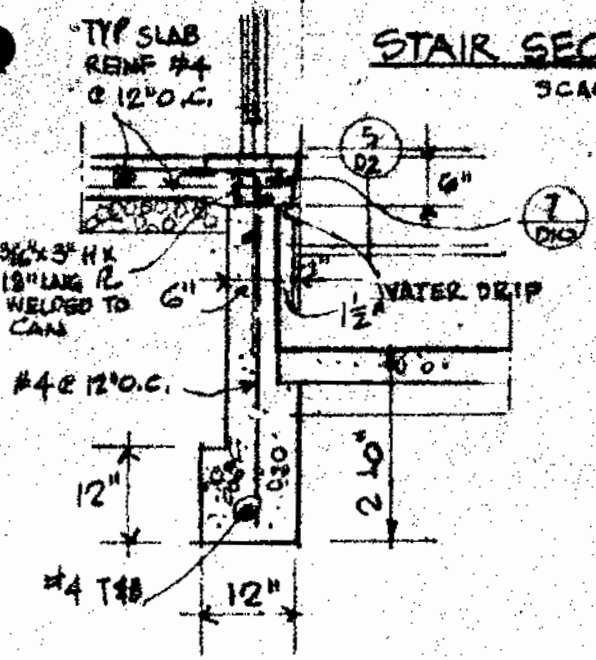
STAIR SECTION (A)

SCALE ½" = 1'-0"



STAIR SIDE SECTION & GUARD RAIL ELEV (B)

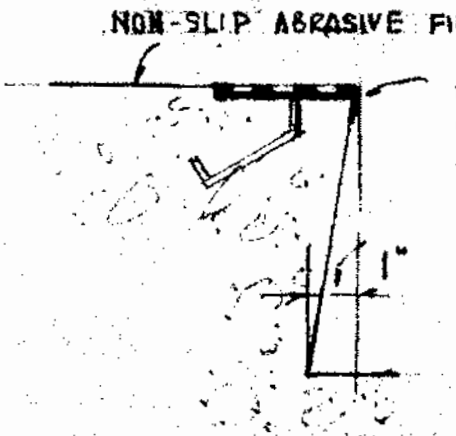
SCALE ½" = 1'-0"



WALL & LANDING & GUARD RAIL (C)

SCALE ½" = 1'-0"

NOTE!
RAILING TO BE GALVANIZED AFTER ASSEMBLY.



STEP DETAIL (D)

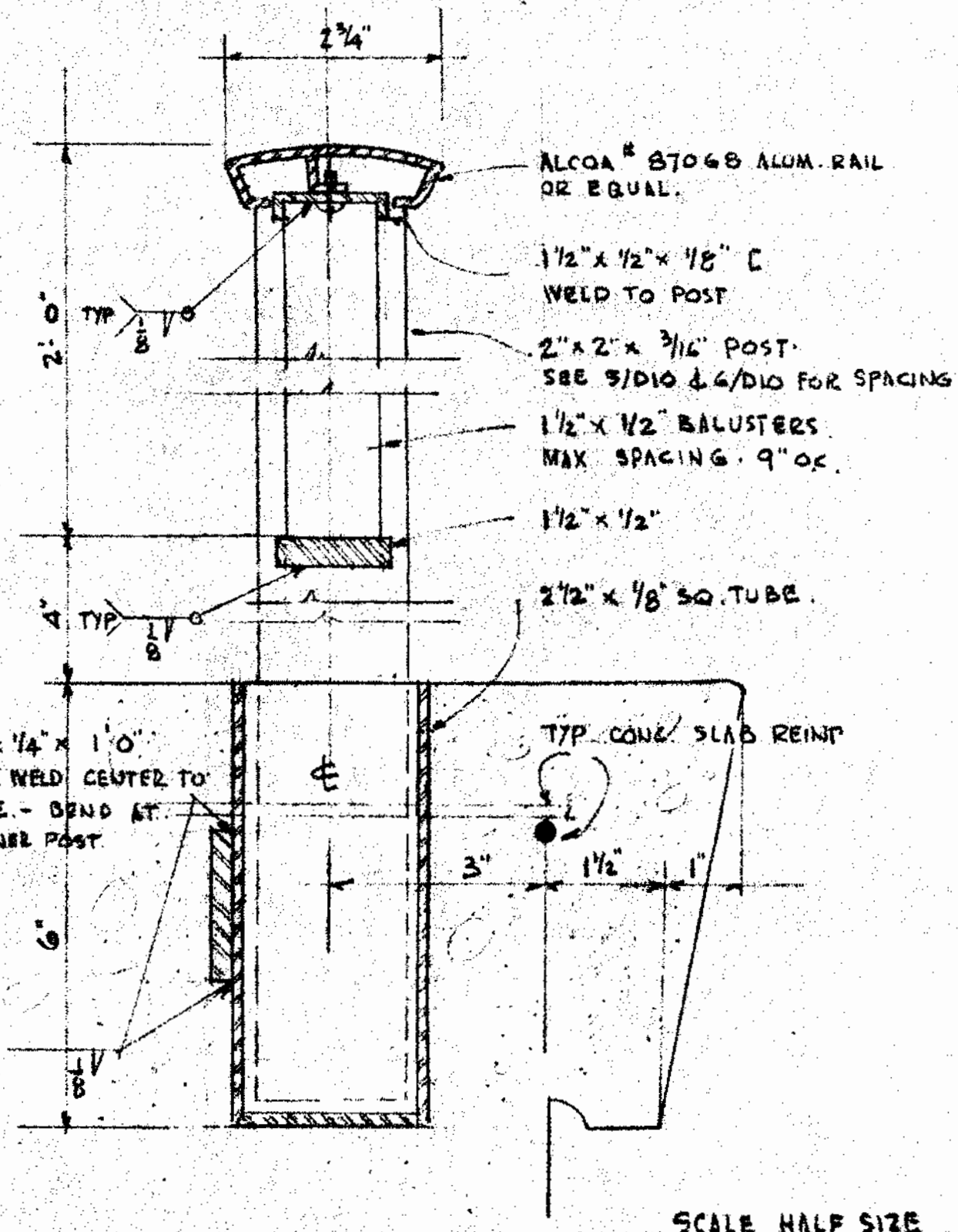
SCALE 3" = 1'-0"

67-1R

STAIR & RAILING DETAILS

D10 6

151

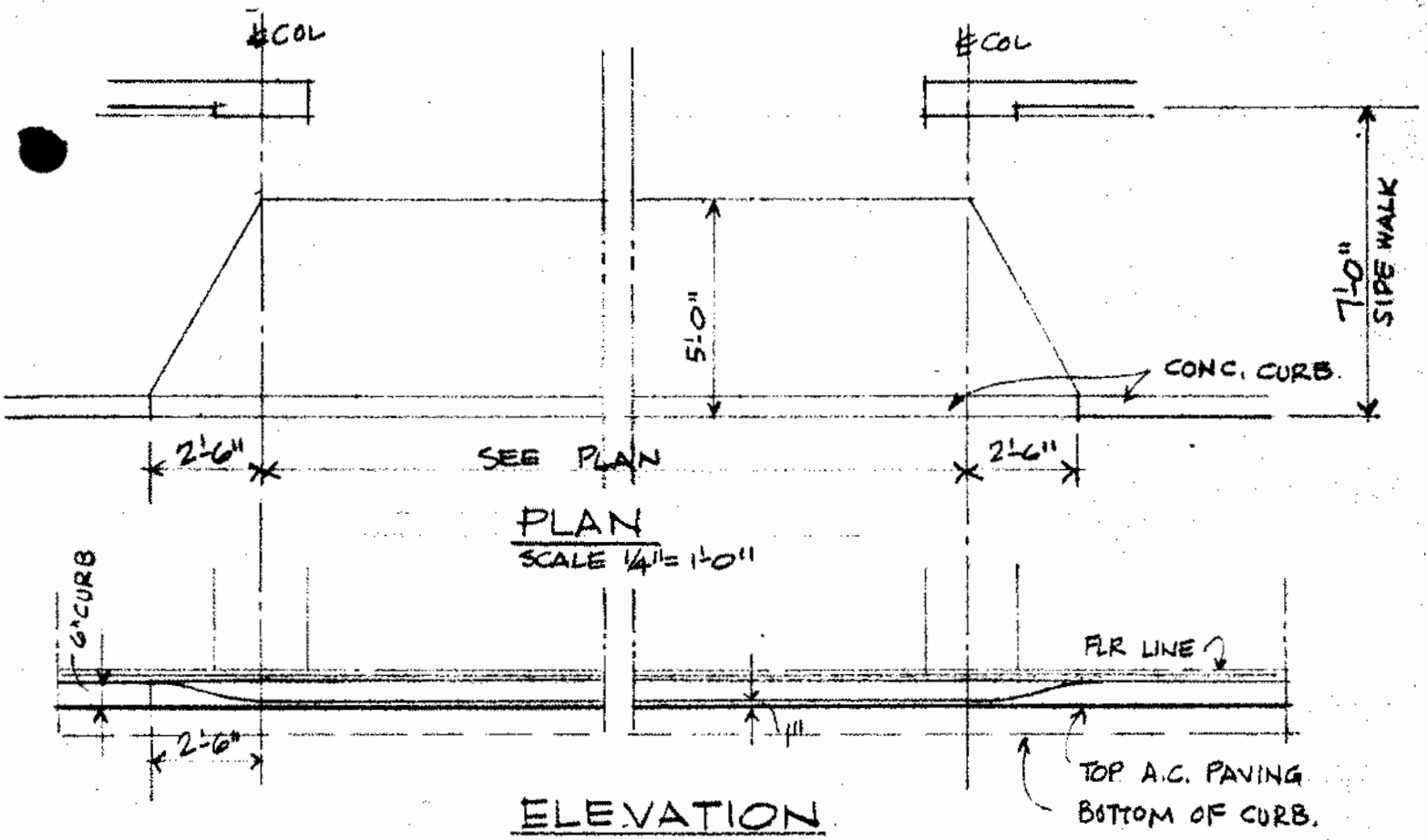


SCALE HALF SIZE

HAND RAIL DETAIL

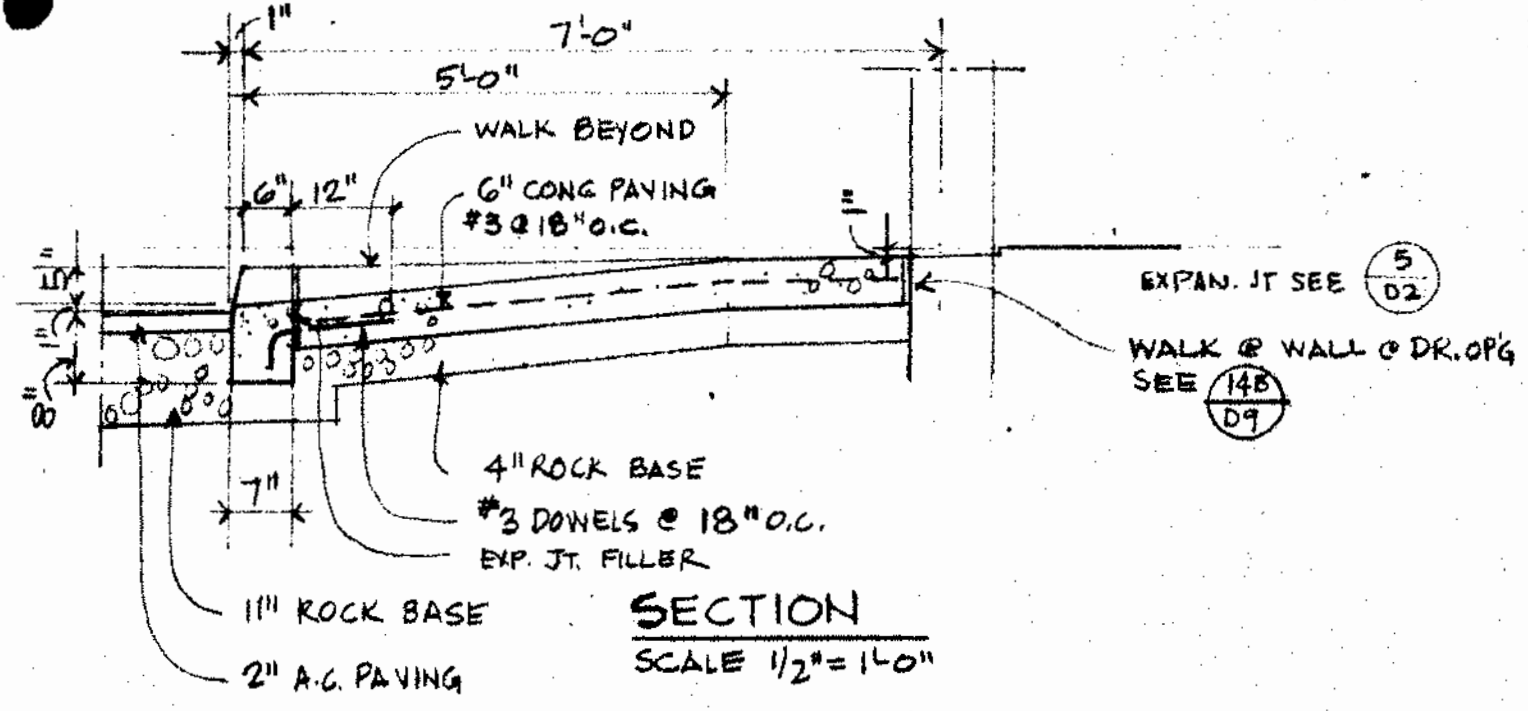
BELL W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D10	7



PLAN
SCALE 1/4" = 1'-0"

ELEVATION
SCALE 1/4" = 1'-0"

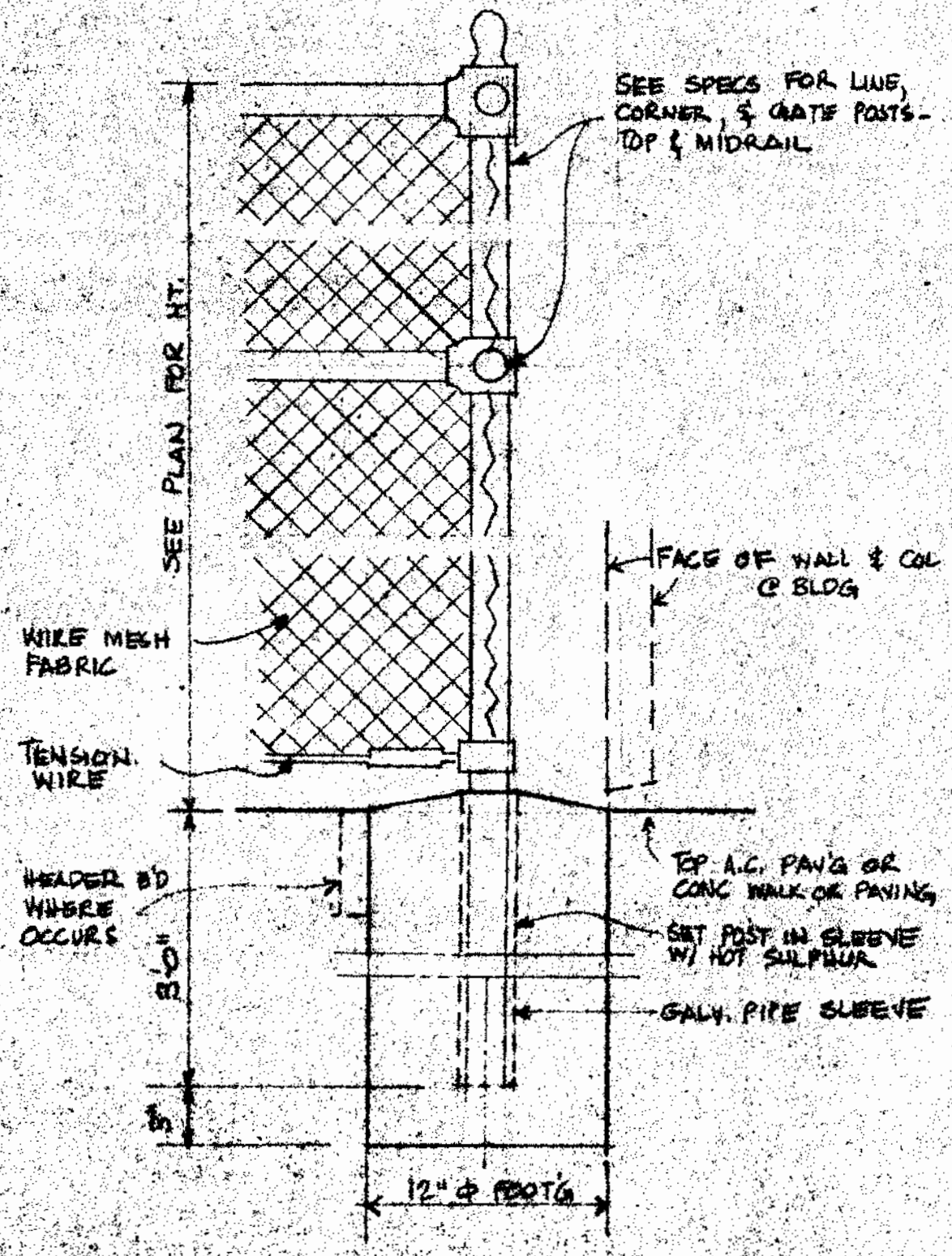


SECTION
SCALE 1/2" = 1'-0"

61-1R

DRIVE WAY DETAIL

DIO 8
15B

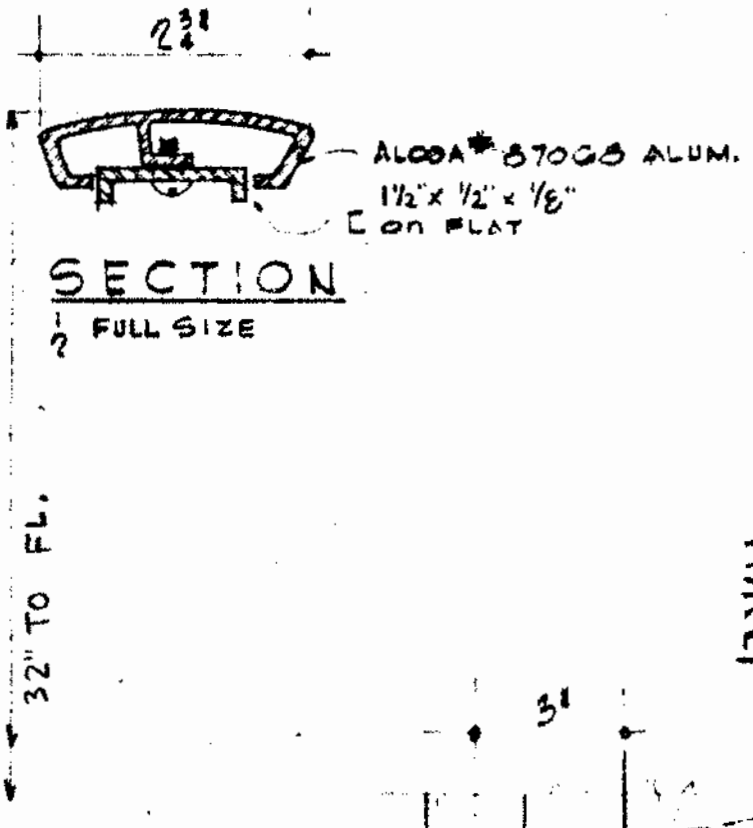


SCALE 1½"=1'-0"

CHAIN LINK FENCING

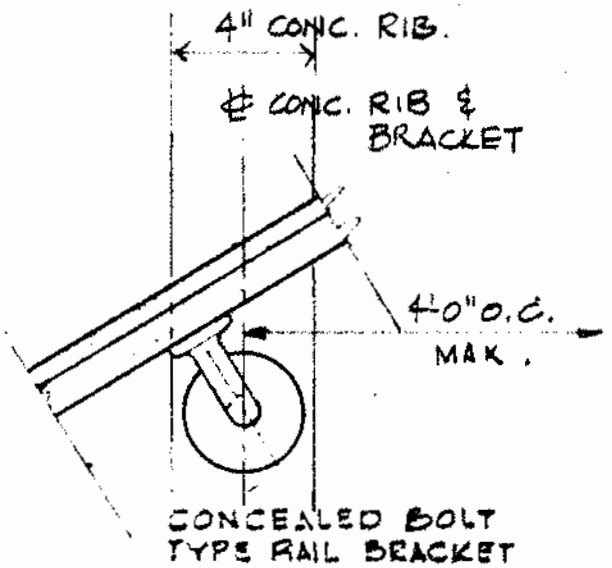
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D10	9

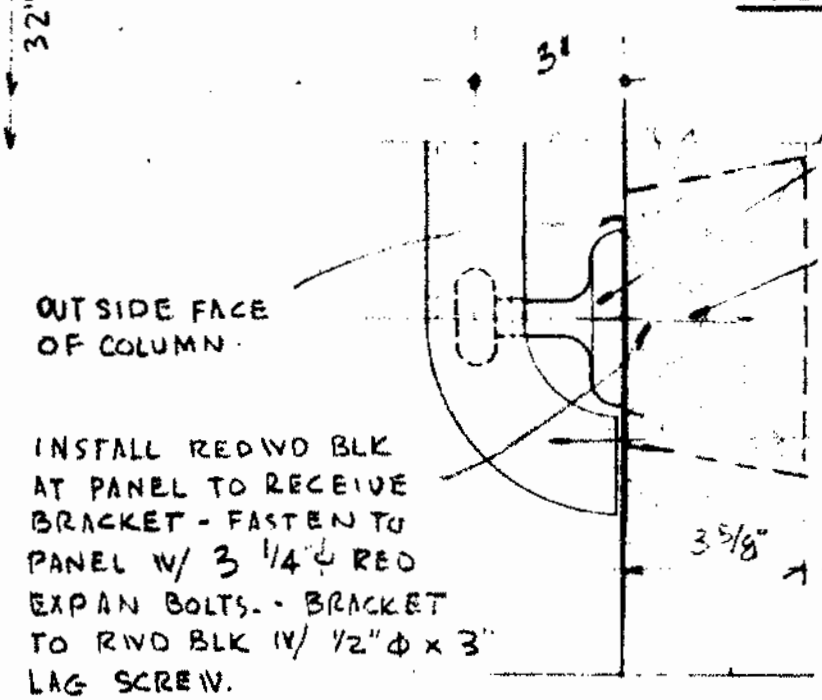


SECTION

½ FULL SIZE



ELEV. WALL MOUNTED RAIL NOT TO SCALE

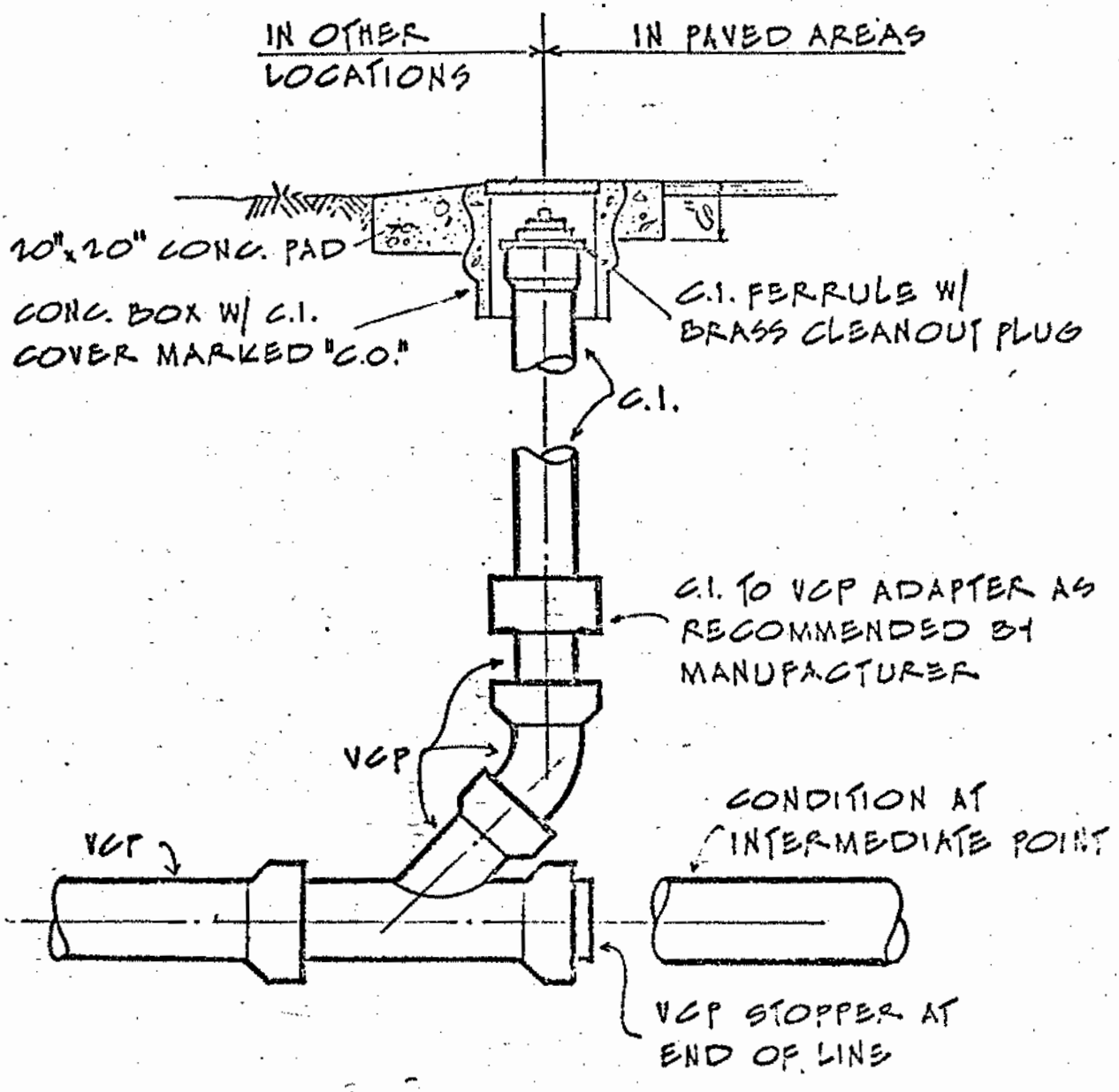


DETAIL WALL MOUNTED RAIL

SCALE: 3" = 1'-0"

67-1-R

HAND RAIL DETAIL	D-10	10



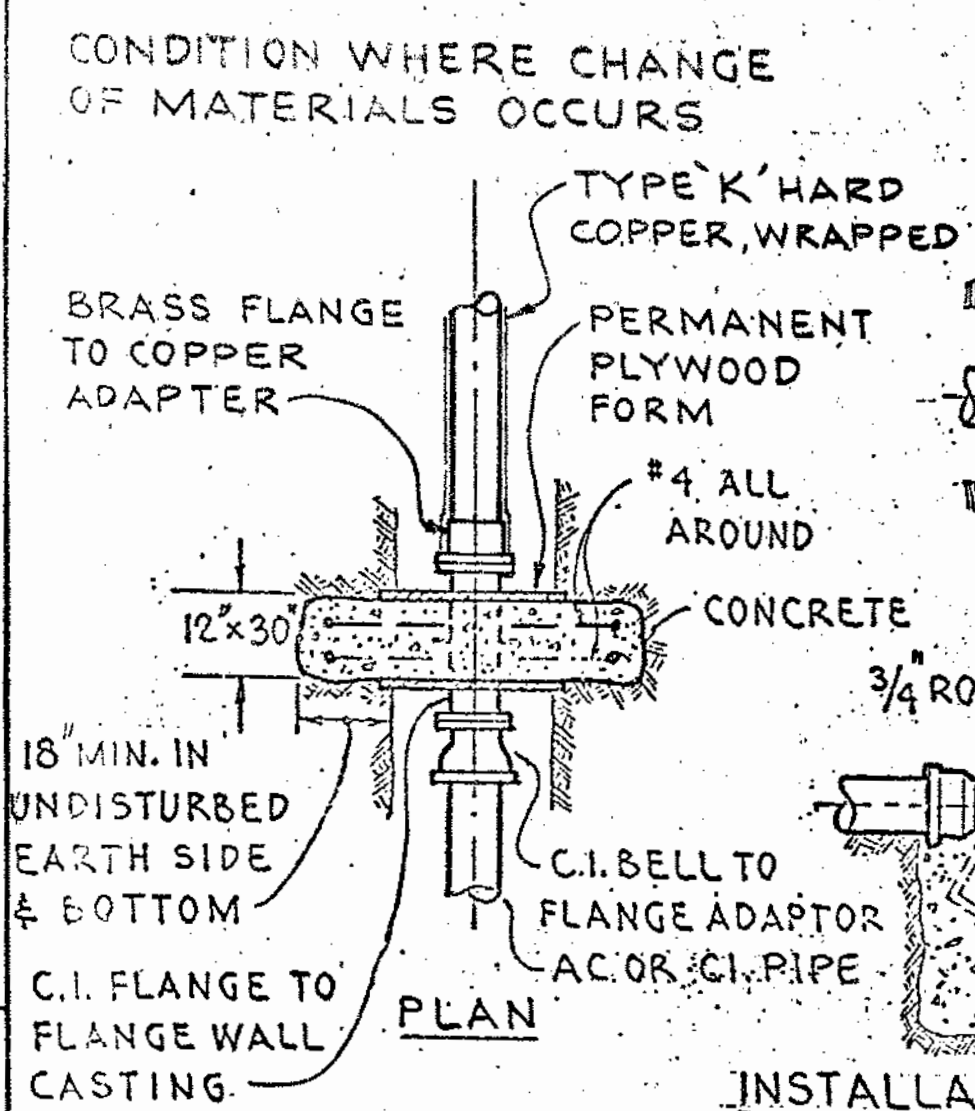
GRADE CLEANOUT DETAIL

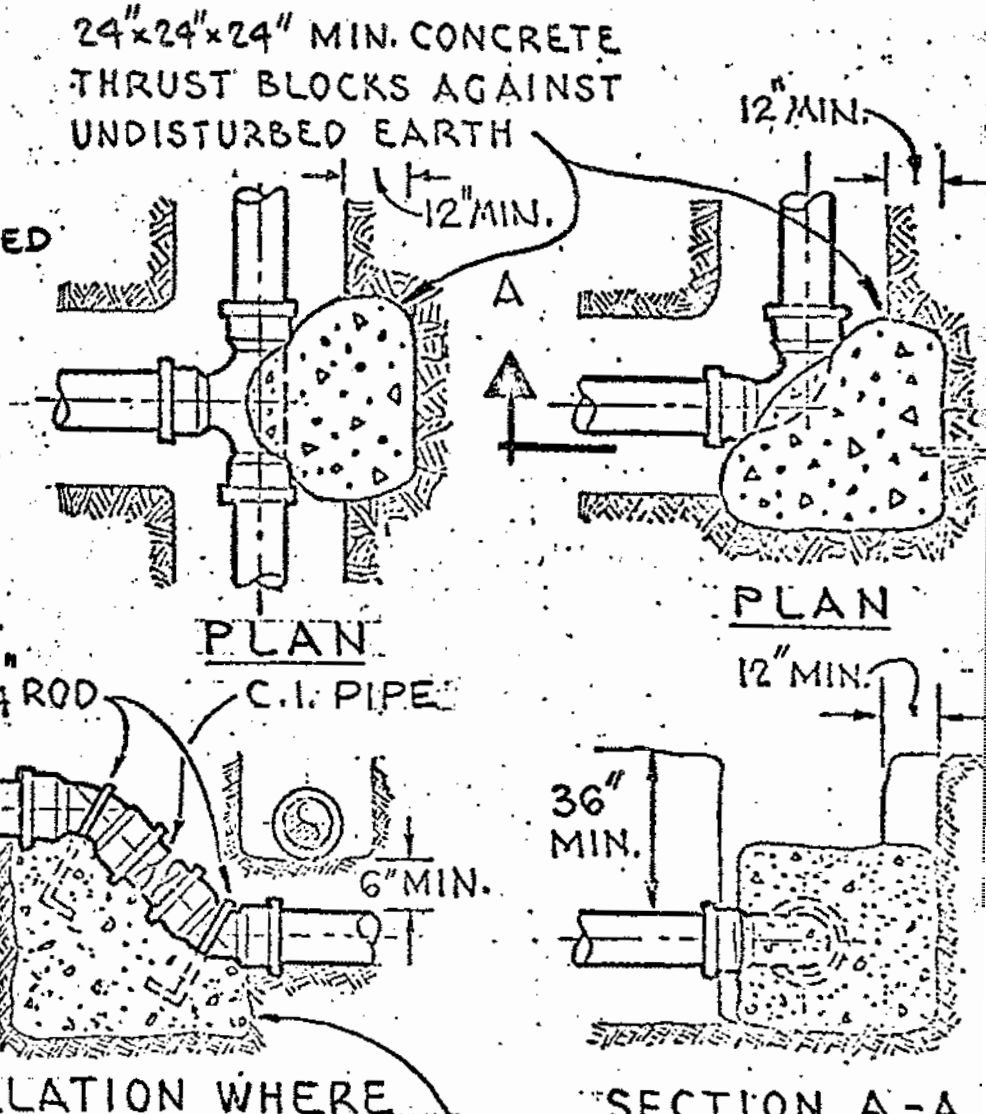
BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/1

BENTLEY ENGINEERS
45 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS





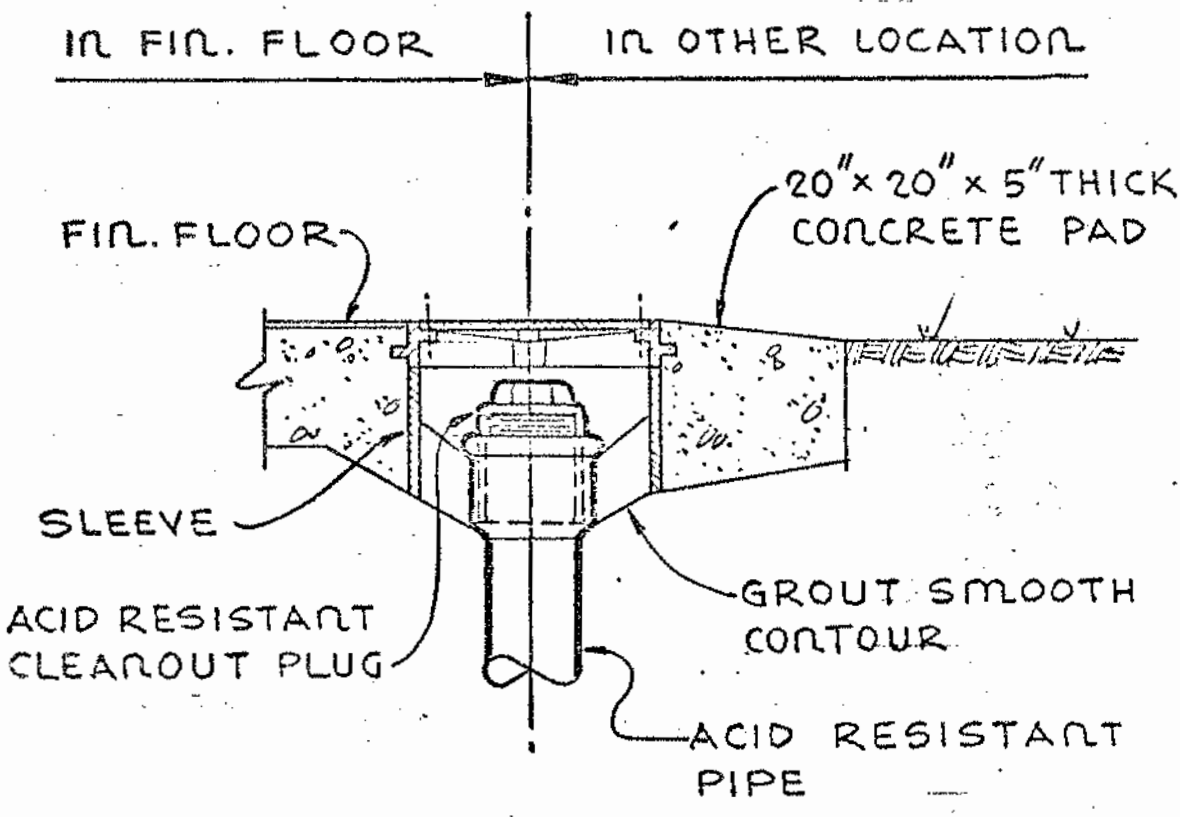
TYPICAL THRUST BLOCKS FOR 3" AND LARGER WATER MAINS

GROUP D11

DETAIL PS 2

JOB 67-1-R PAGE 157

No. 67-1-R

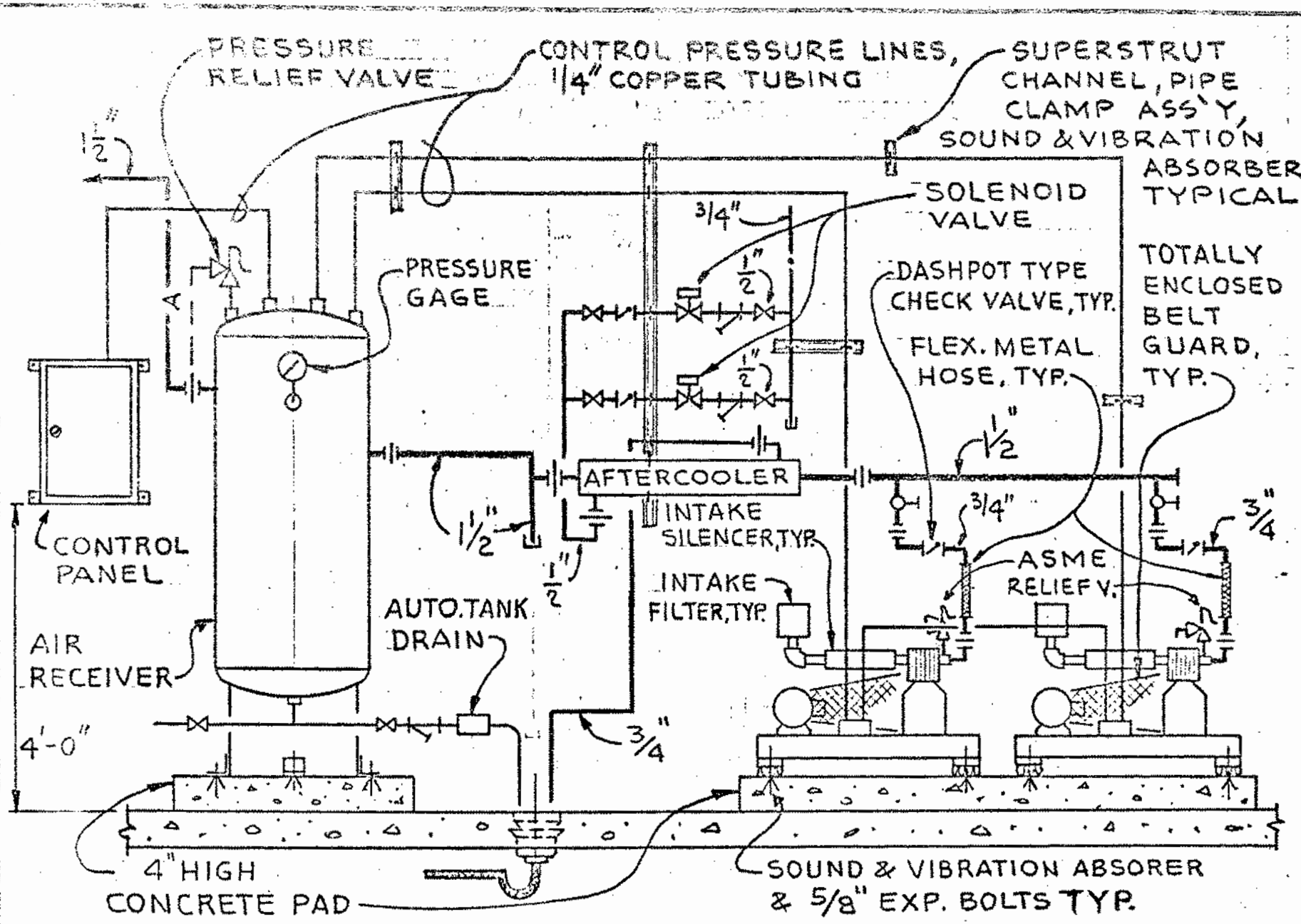


ACID CLEANOUT DETAIL

BENTLEY ENGINEERS
49 FREMONT ST.,
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/3

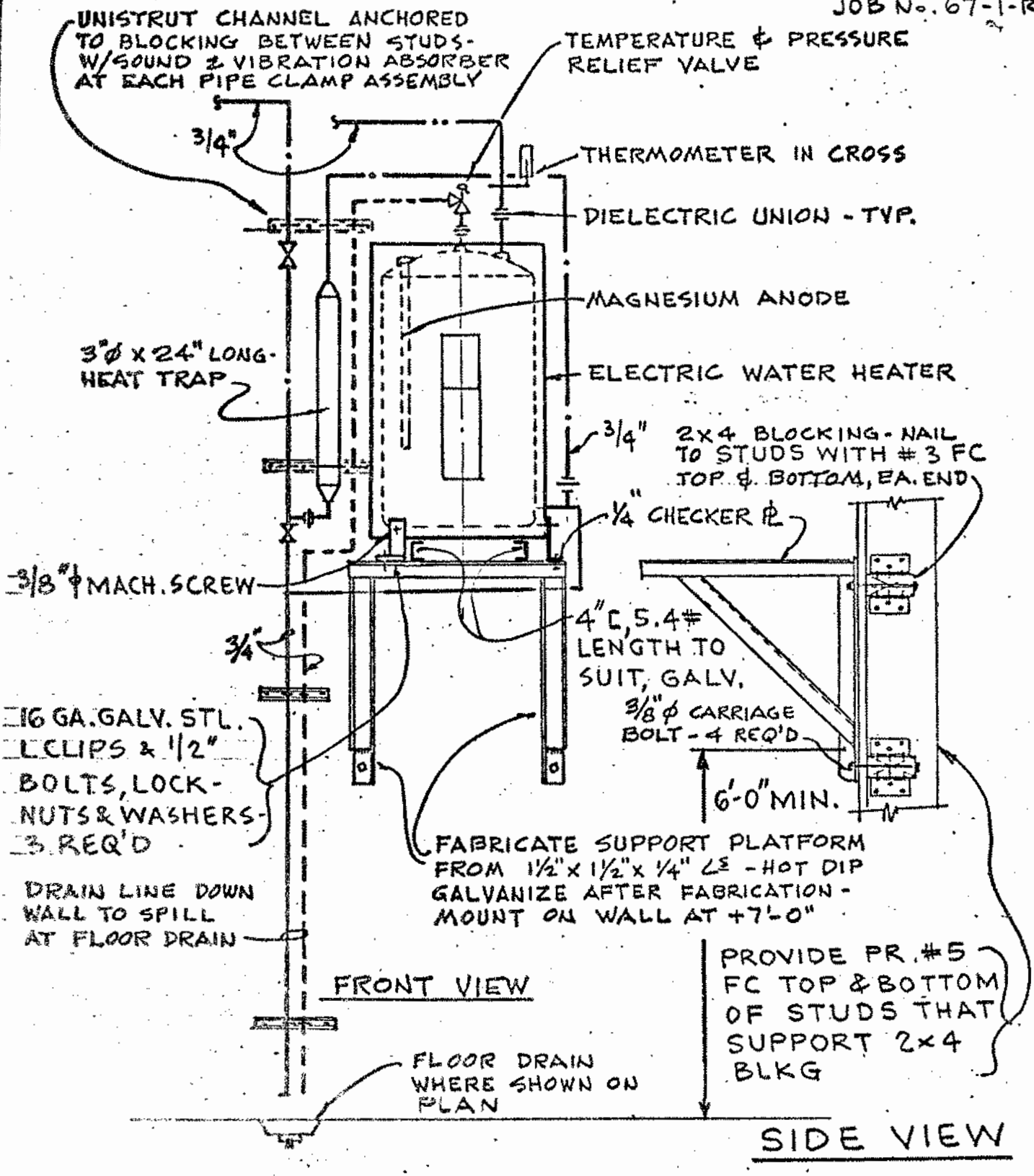


AIR COMPRESSORS, RECEIVER & DIAGRAM OF CONNECTIONS

DENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
ERLE W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/4



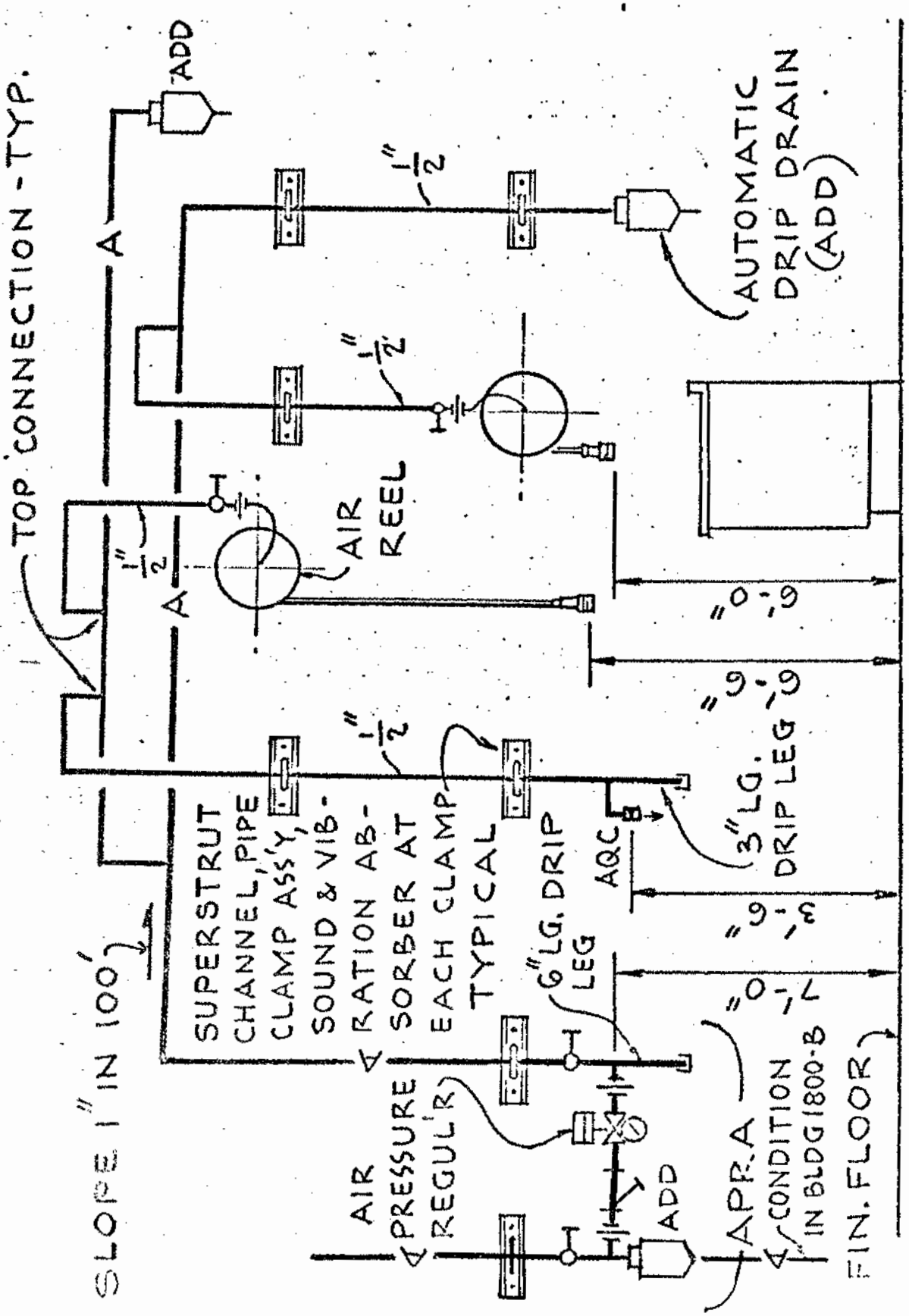
CONNECTIONS FOR ELECTRIC WATER HEATER MOUNTED ON WALL

NO SCALE

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

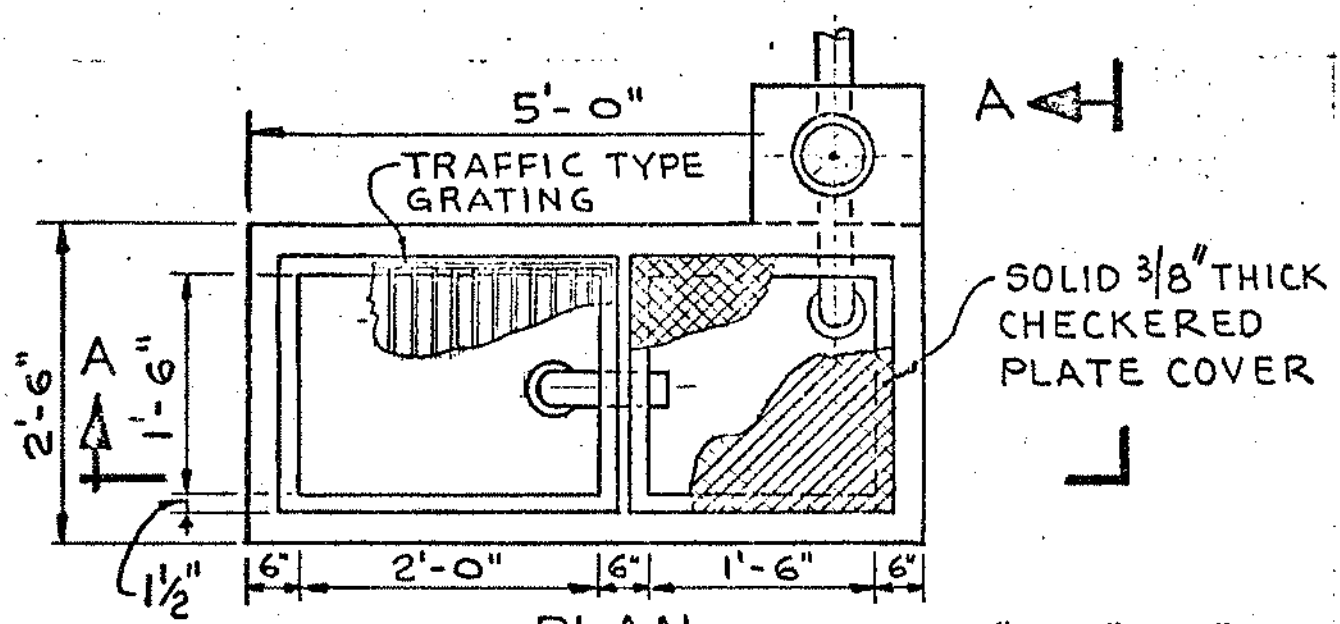
GROUP	DETAIL
D11	PS / 5

COMPRESSED AIR DISTRIBUTION PIPING

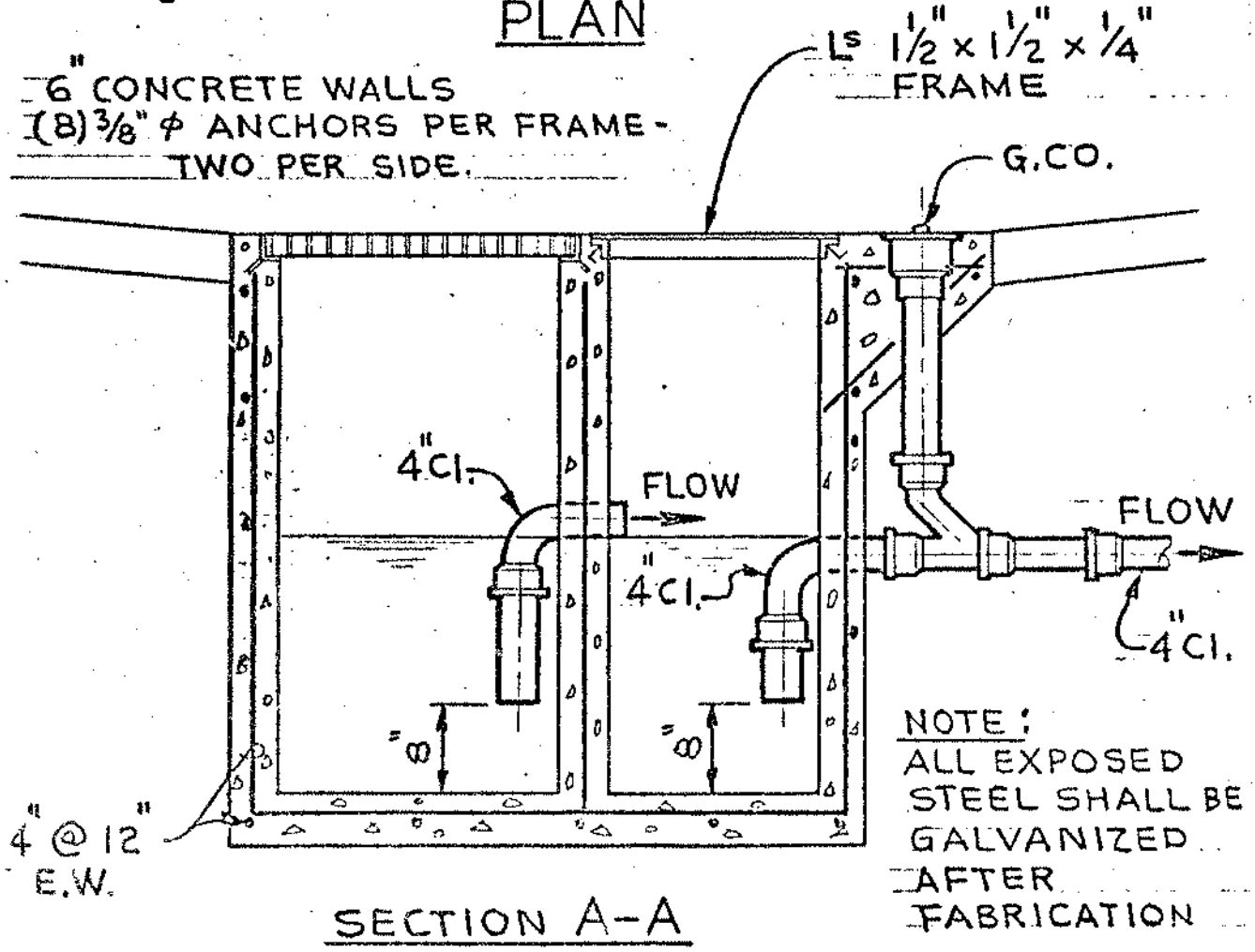


DENTLEY ENGINEERS
45 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS 6



PLAN



NOTE:
ALL EXPOSED STEEL SHALL BE GALVANIZED AFTER FABRICATION

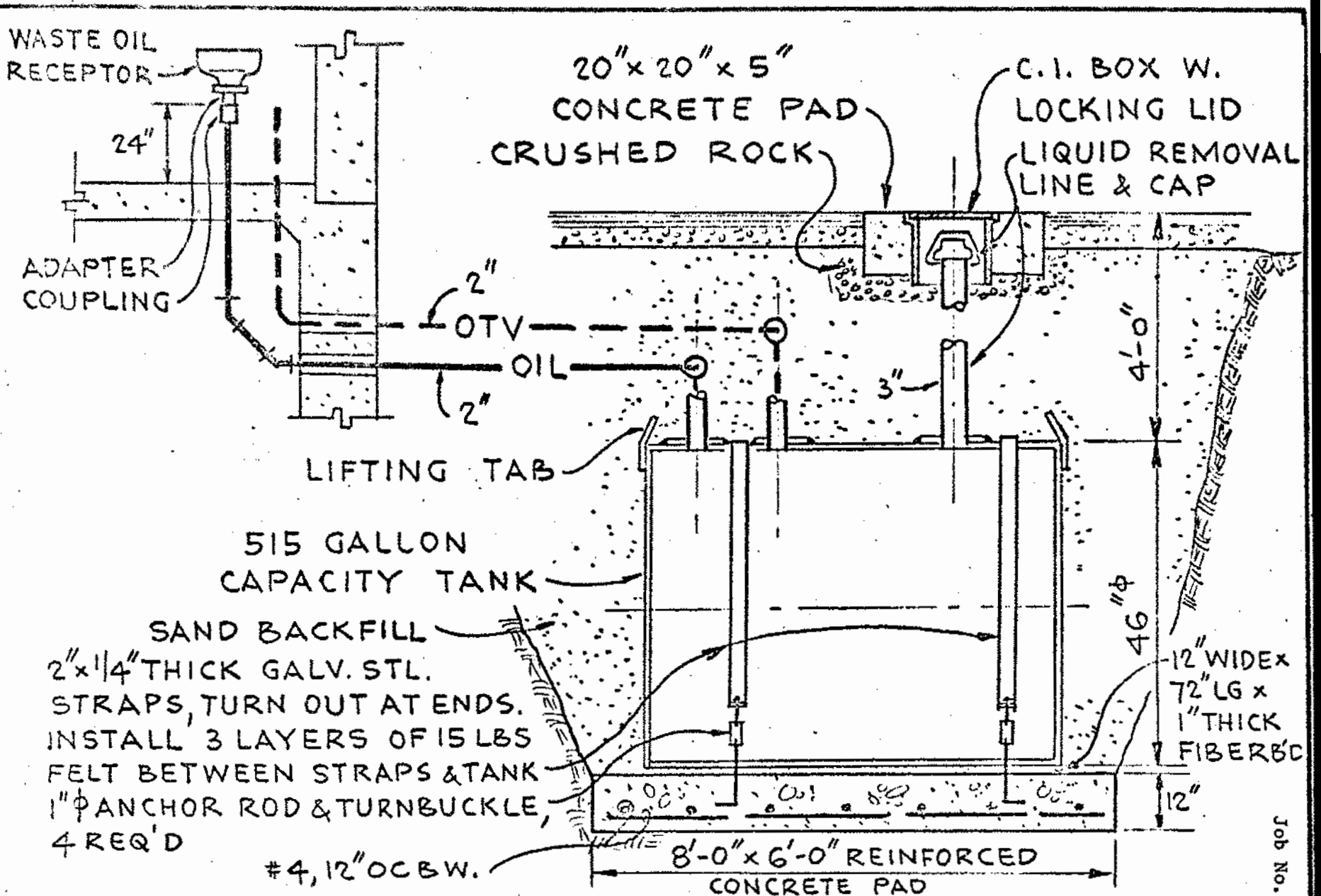
SECTION A-A

OIL AND SAND INTERCEPTOR

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE & STORM, ARCHITECTS

GROUP D11

DETAIL PS/7



RECLAIMABLE OIL & VOLATILE LIQUID COLLECTING TANK

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

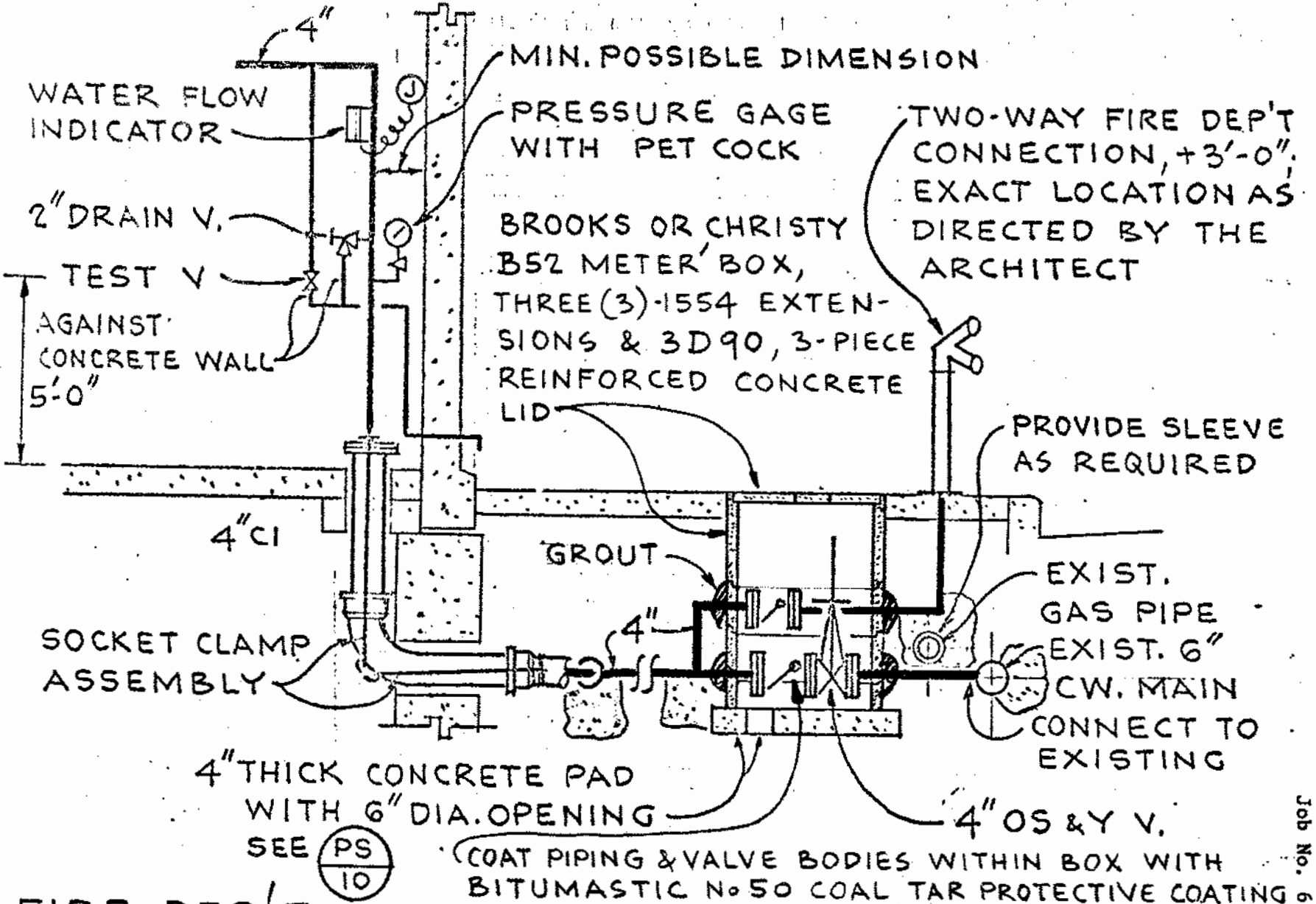
GROUP D11

DETAIL PS 8

Job No. 67-1-R

Job 67-1-R Page 163

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



FIRE DEP'T SIAMESE & DIAGRAM OF AUTOMATIC FIRE SPRINKLER SERVICE

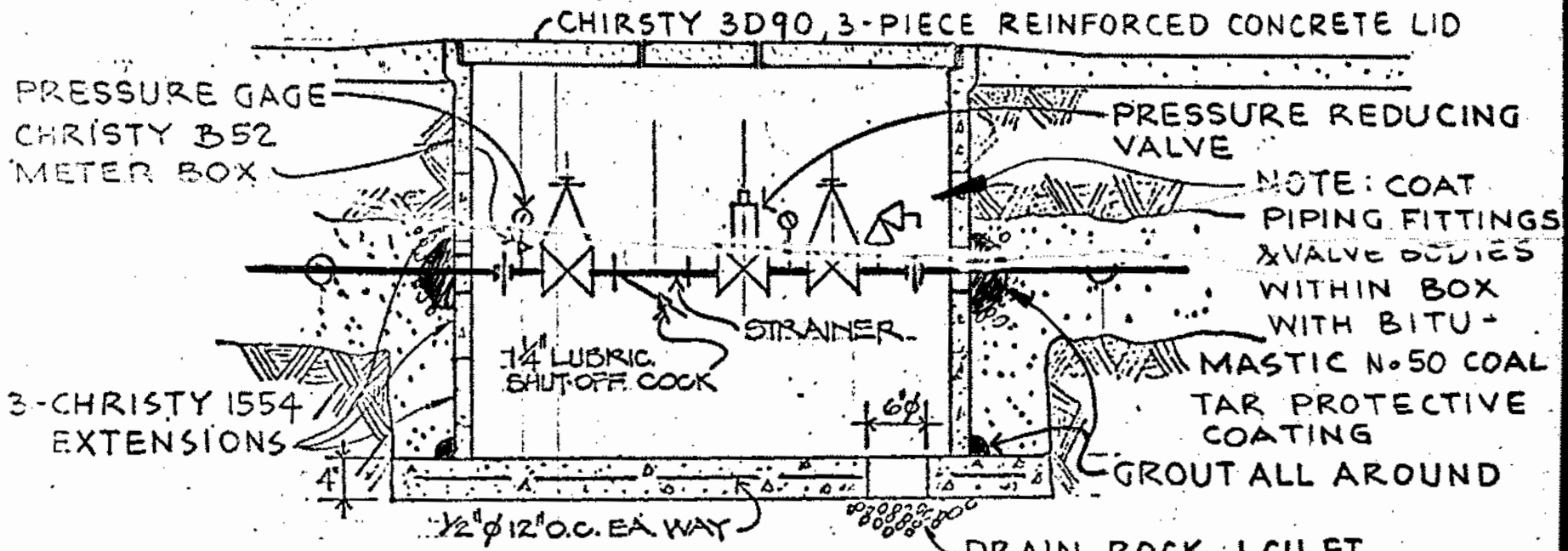
GROUP D11

DETAIL PS/9

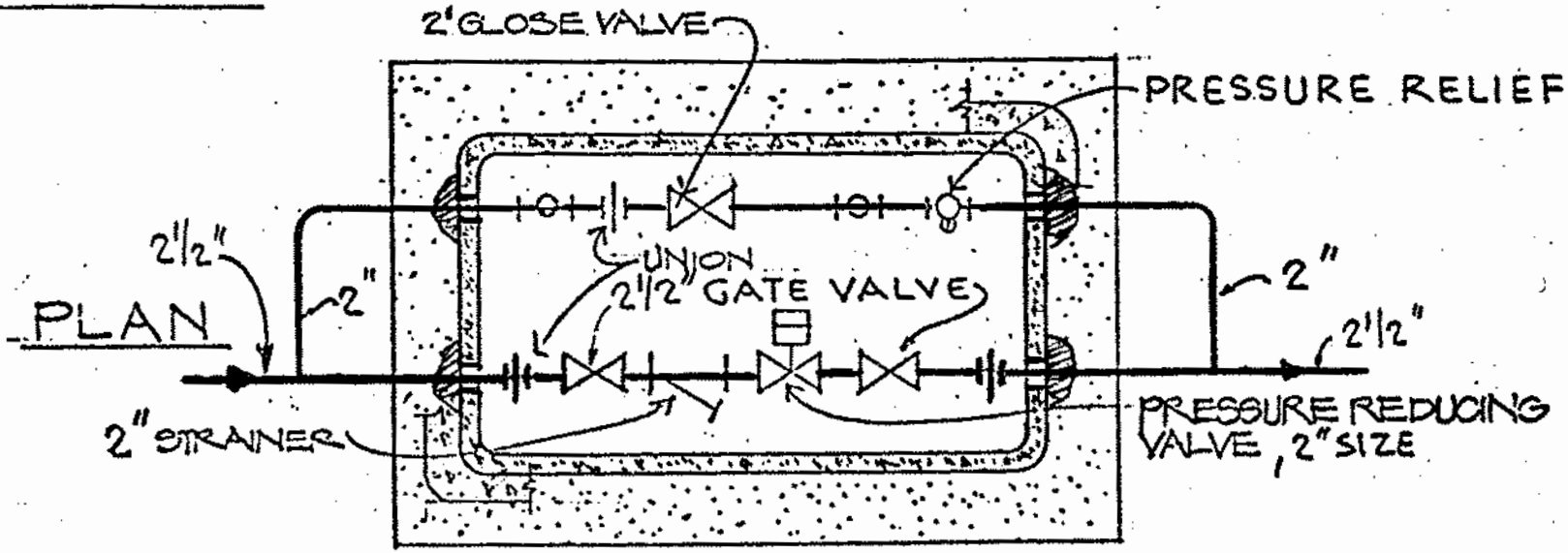
Job No. 67-1-R

JOB 67-1-R PAGE 164

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



SECTION



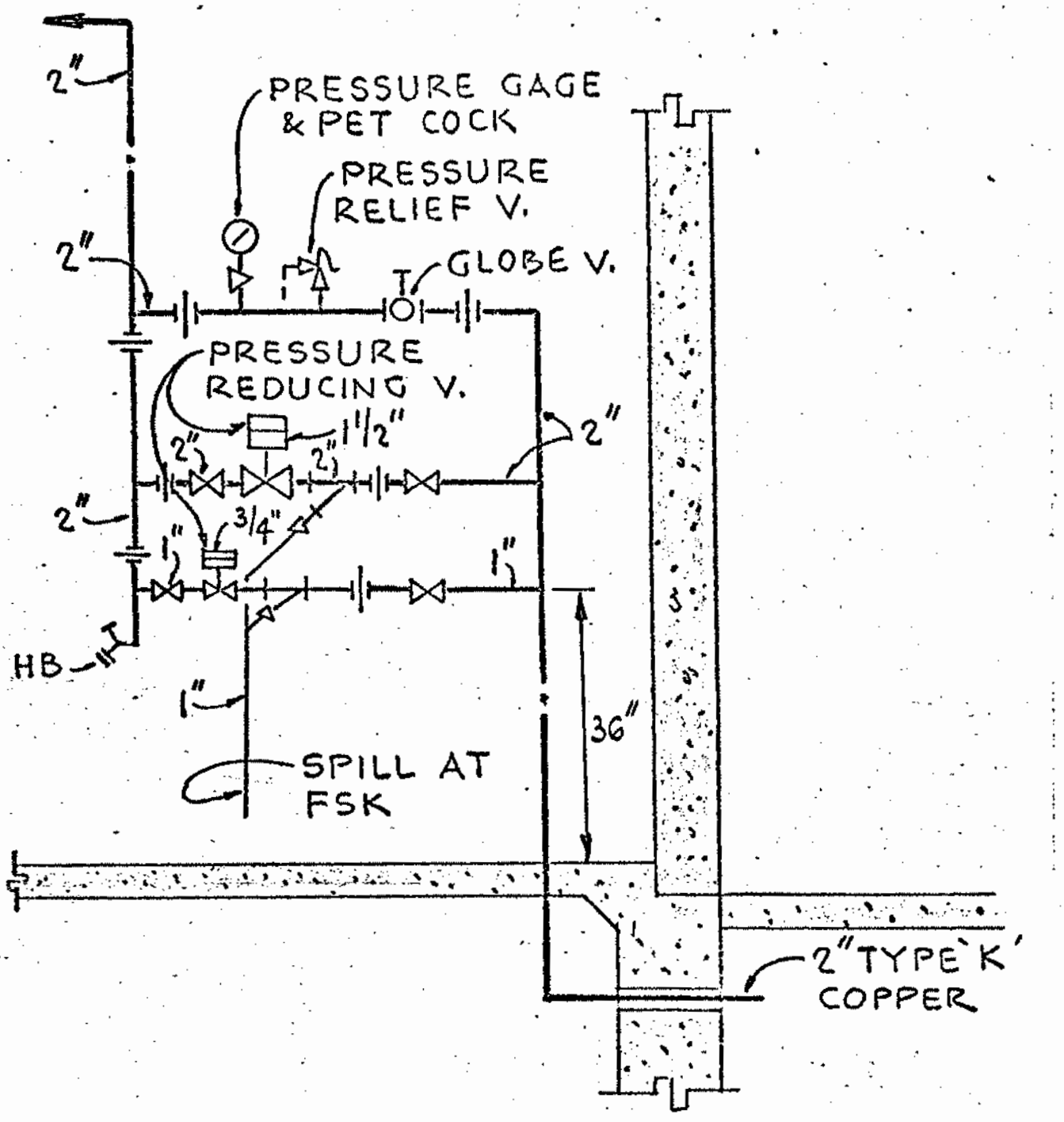
PRESSURE REDUCING ASSEMBLY

GROUP D11

DETAIL PS 10

JOB 67-1-R PAGE 165

Job No. 67-1-R

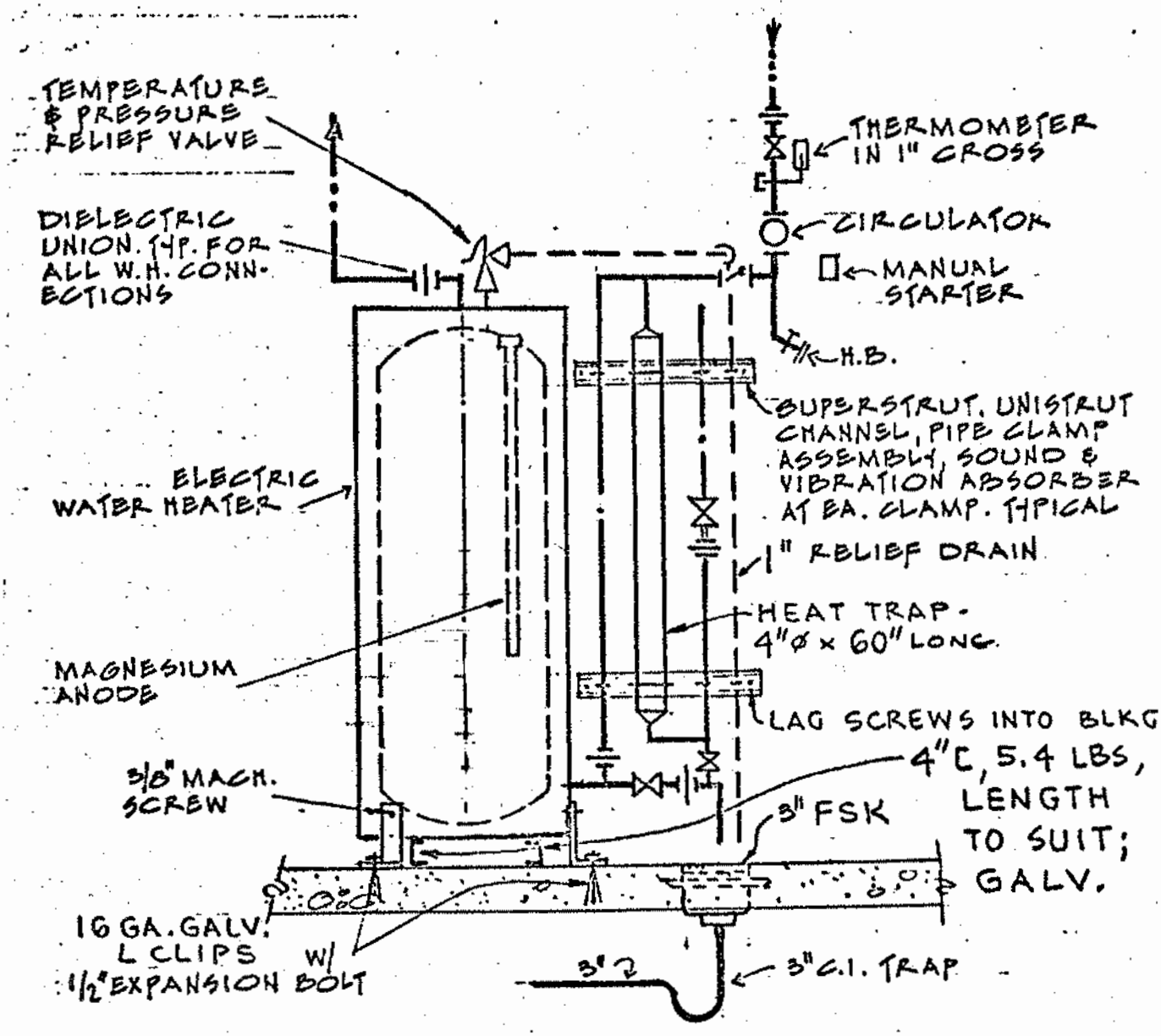


WATER ENTRANCE PIPING DIAGRAM

BUILDING 1800 B

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS / 11



NOTE: FOR PIPING SIZES, REFER TO PLUMBING PLANS.

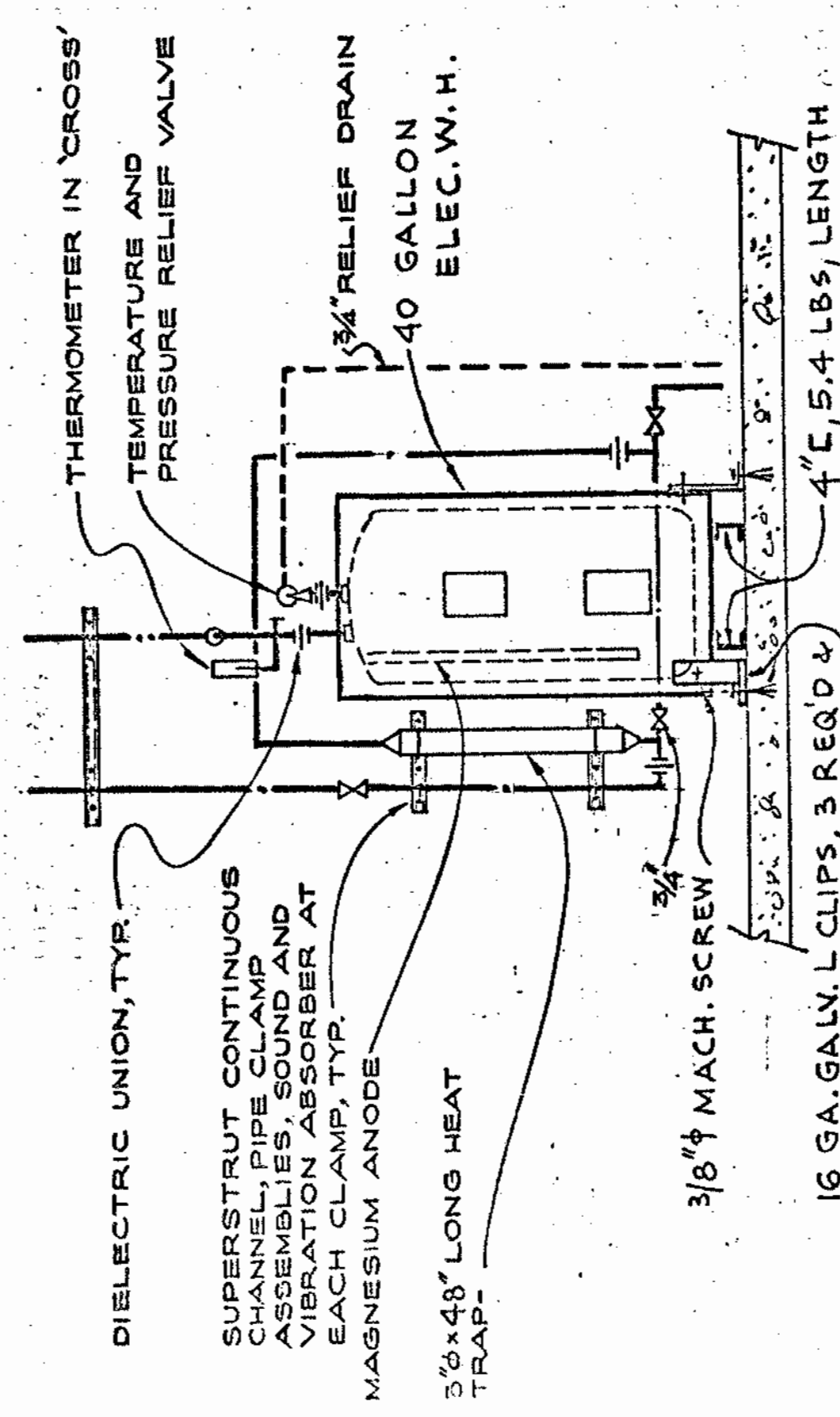
ELECTRIC WATER HEATER AND CONNECTIONS

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/12

ELECTRIC WATER HEATER AND CONNECTIONS

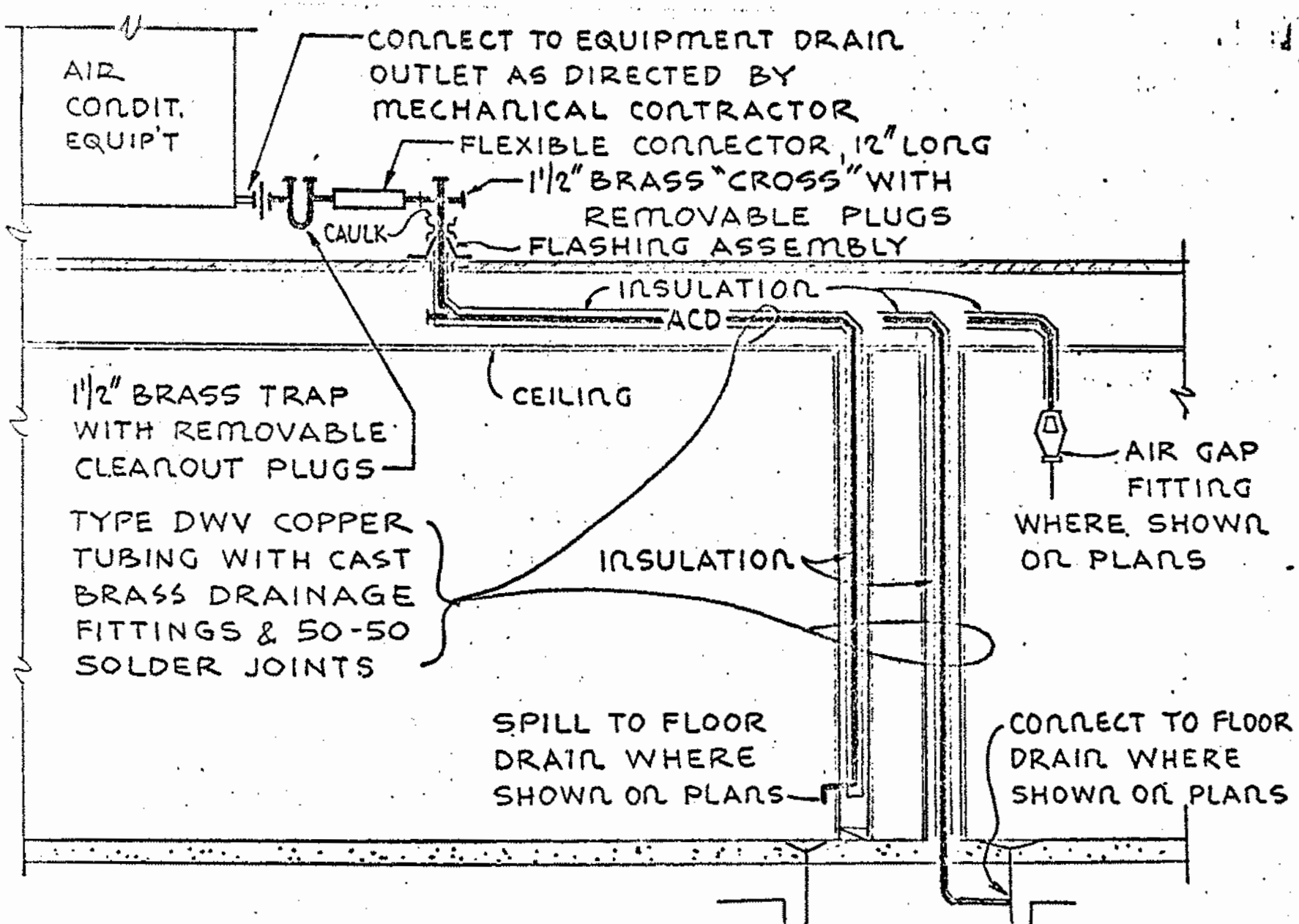


NO SCALE

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL 25/13



TYPICAL METHODS OF AIR CONDITIONING
EQUIPMENT DRAINAGE

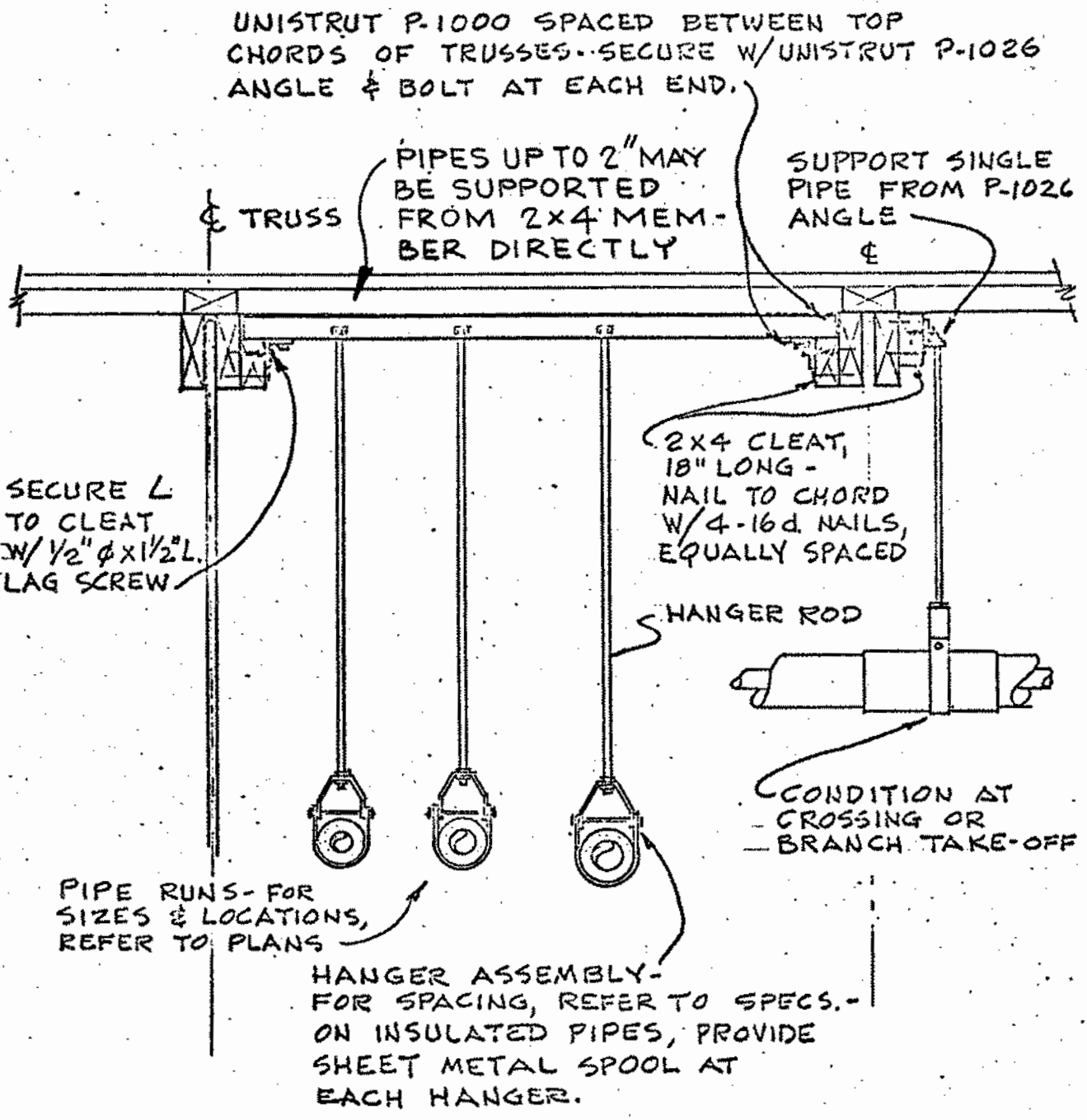
BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
CLP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/14

JOB 67-1-R PAGE 169

Job No. 67-1-R



BLDG 1800B WHERE FURRED CEILING OCCURS

TYPICAL PIPING SUPPORTS AT TOP CHORD OF STRUCT'L TRUSS

NOT TO SCALE:

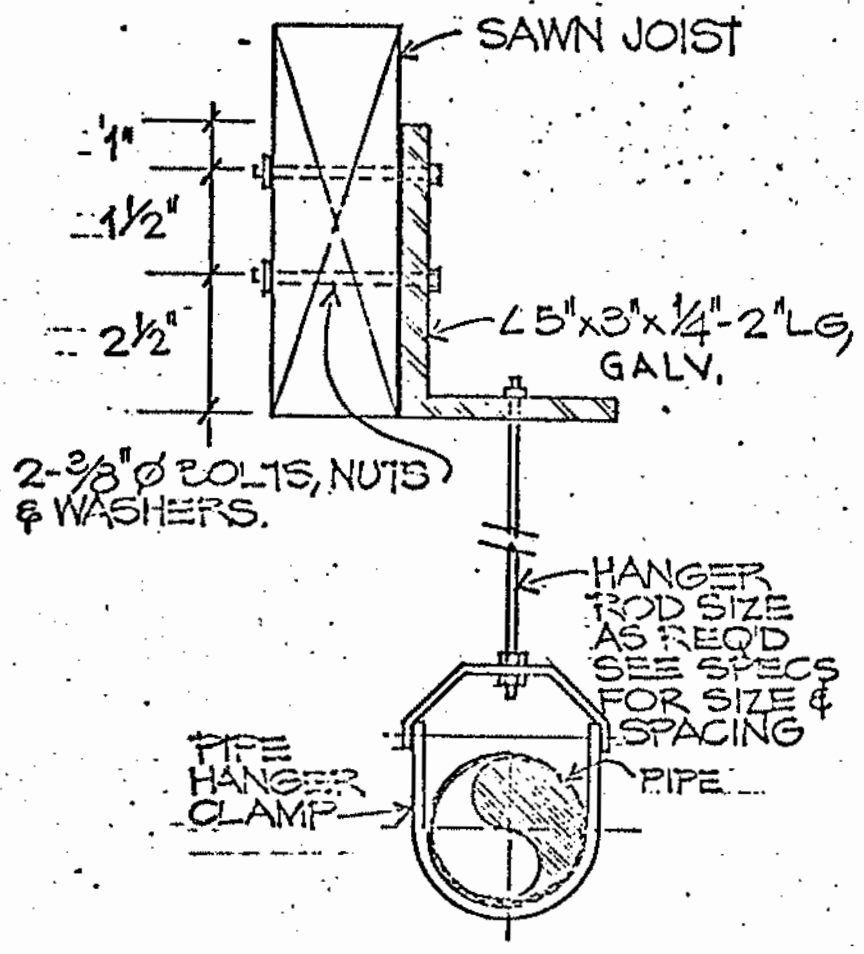
NOTE: UNISTRUT CHANNELS, ANGLES, BOLTS, CLEATS ETC., SHOWN HERE SHALL BE FURNISHED & INSTALLED AS PLUMBING WORK.

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94108
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS / 15

NOTE!

1. APPLY WHEN PIPES ARE PARALLEL TO JOIST.
2. STAGGER WHEN PIPES ARE PERPENDICULAR TO JOIST, 2 PIPES MAX. PER SAWN JOIST.



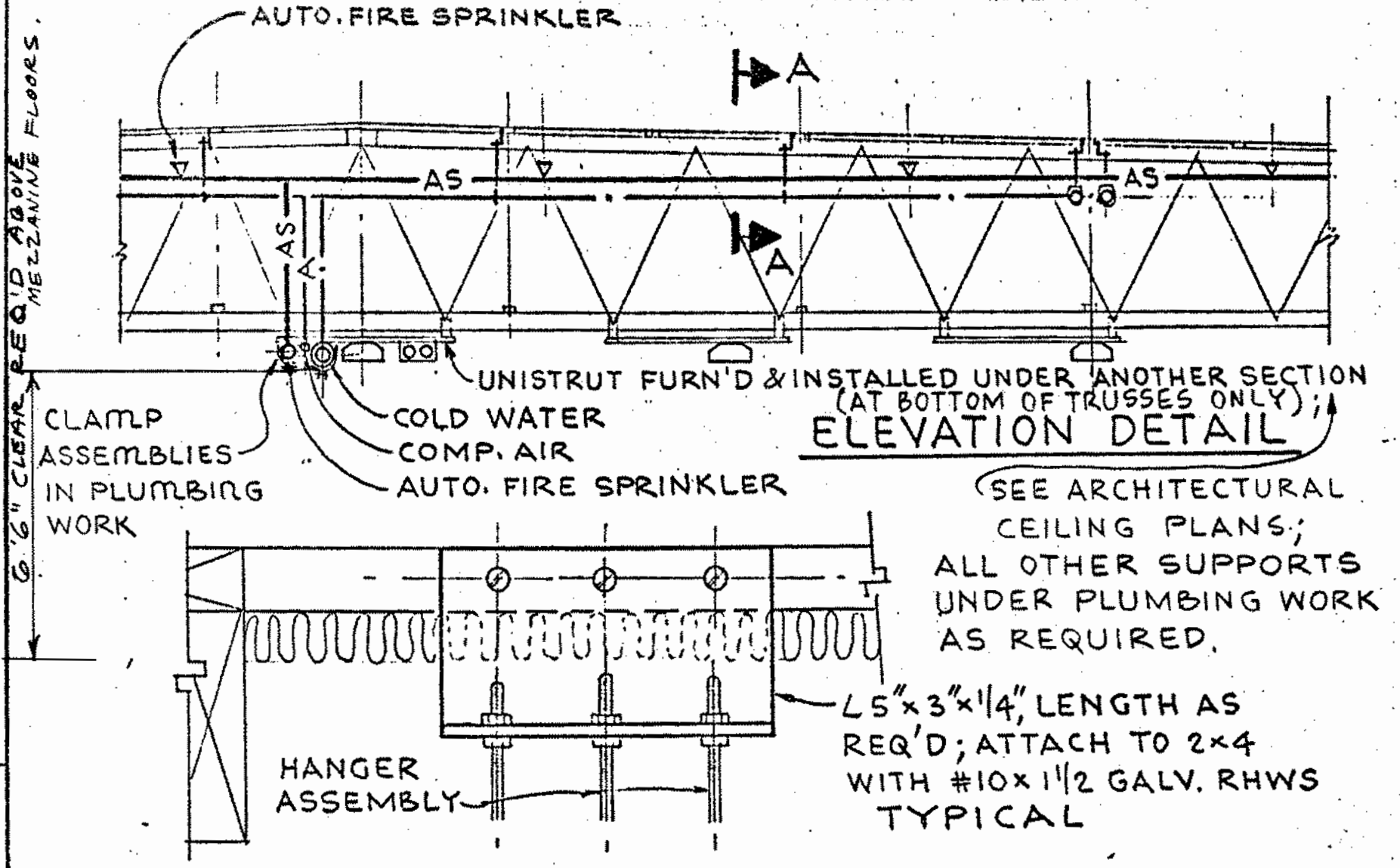
TYPICAL PIPING HANGING

DETAIL AT SAWN JOIST

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS / 16

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



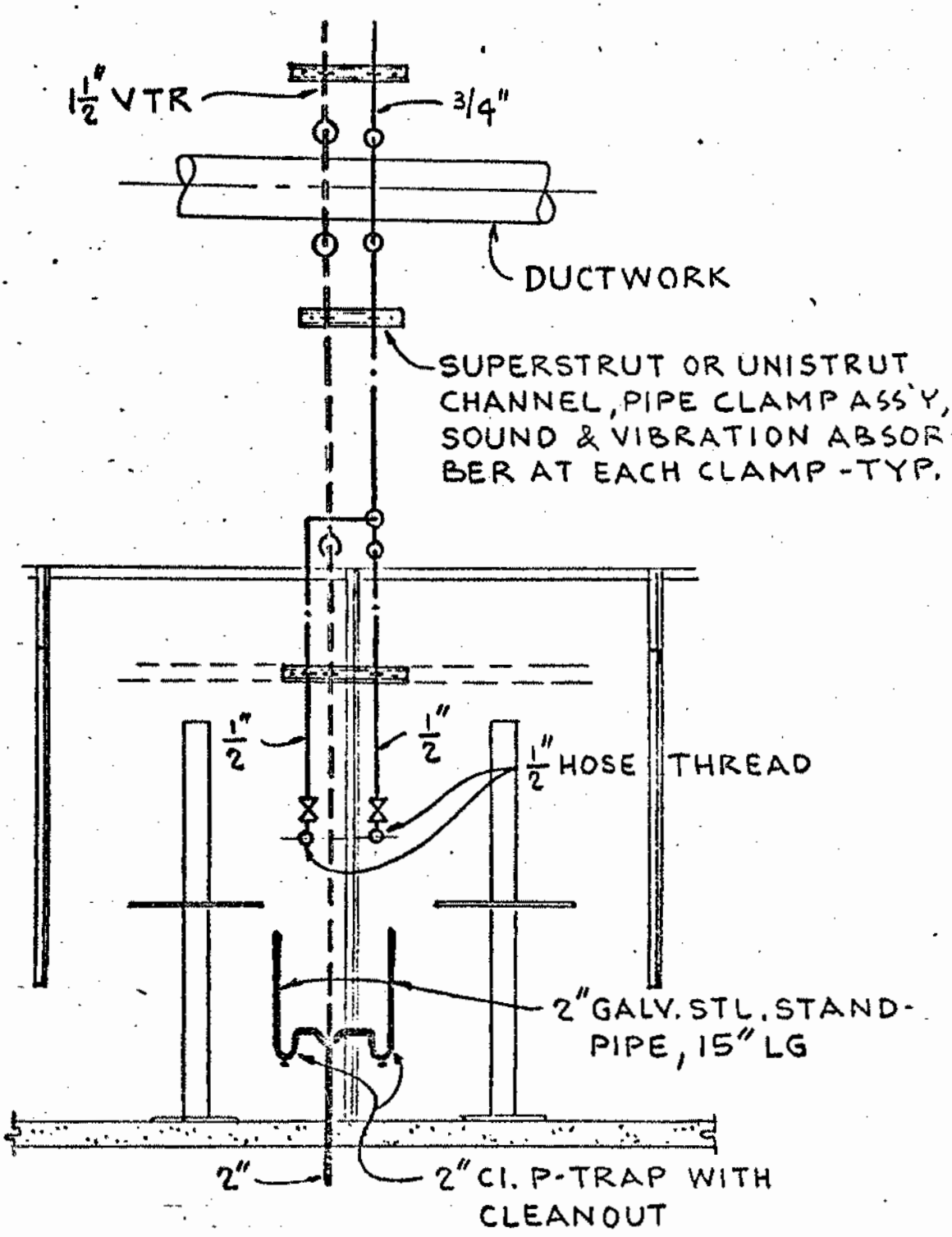
TYPICAL PIPING HANGING DETAILS IN BLDG 1800 A

GROUP D11

DETAIL PS 17

Job No. 67-1-R

JOB 67-1-R PAGE 172

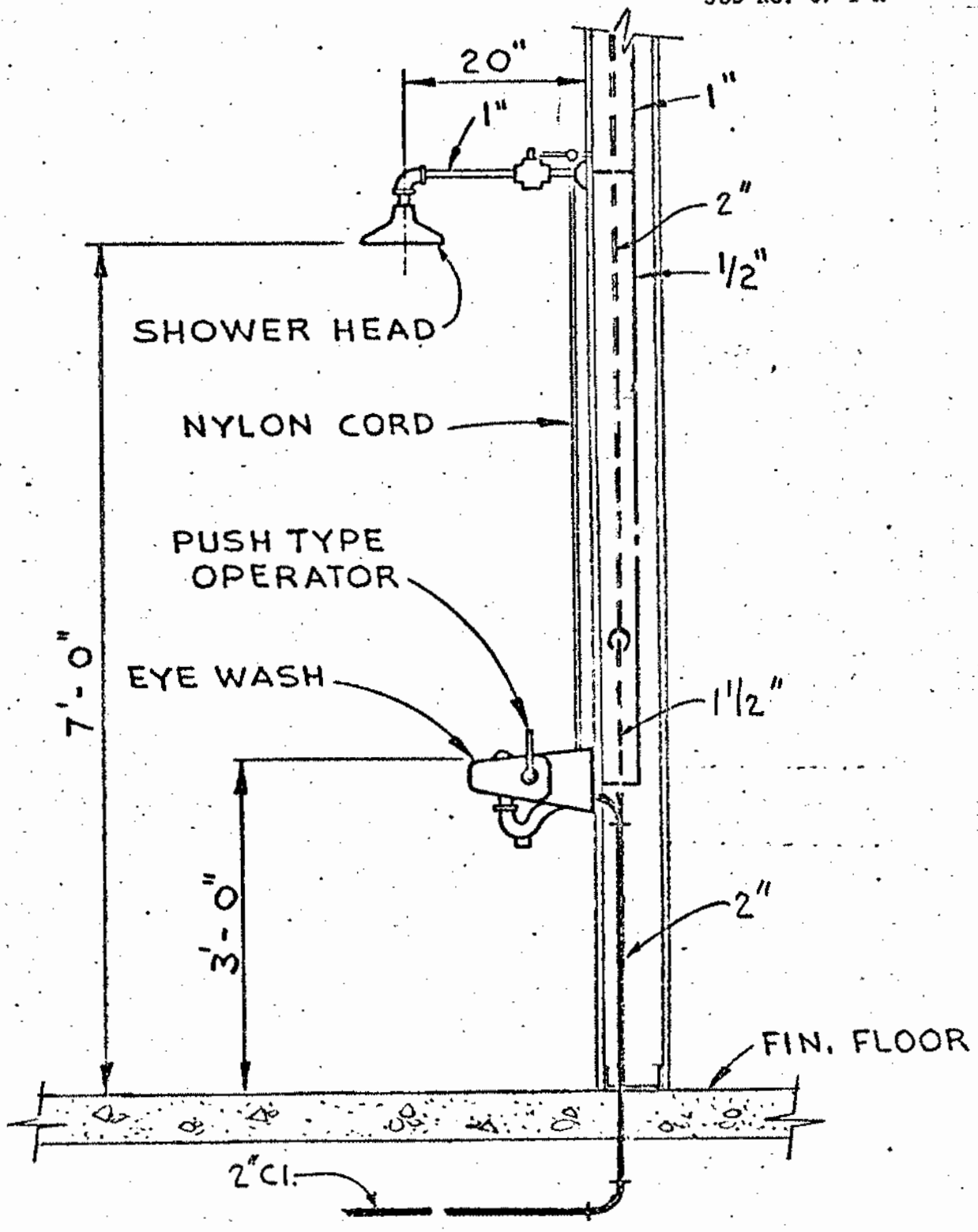


WATER & DRAIN CONNECTIONS AT WELDING BOOTHS Nº 7 & 8

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94108
DELP W. JOHNSON, POOLE, & STO[illegible], ARCHITECTS

GROUP D11

DETAIL PS/18

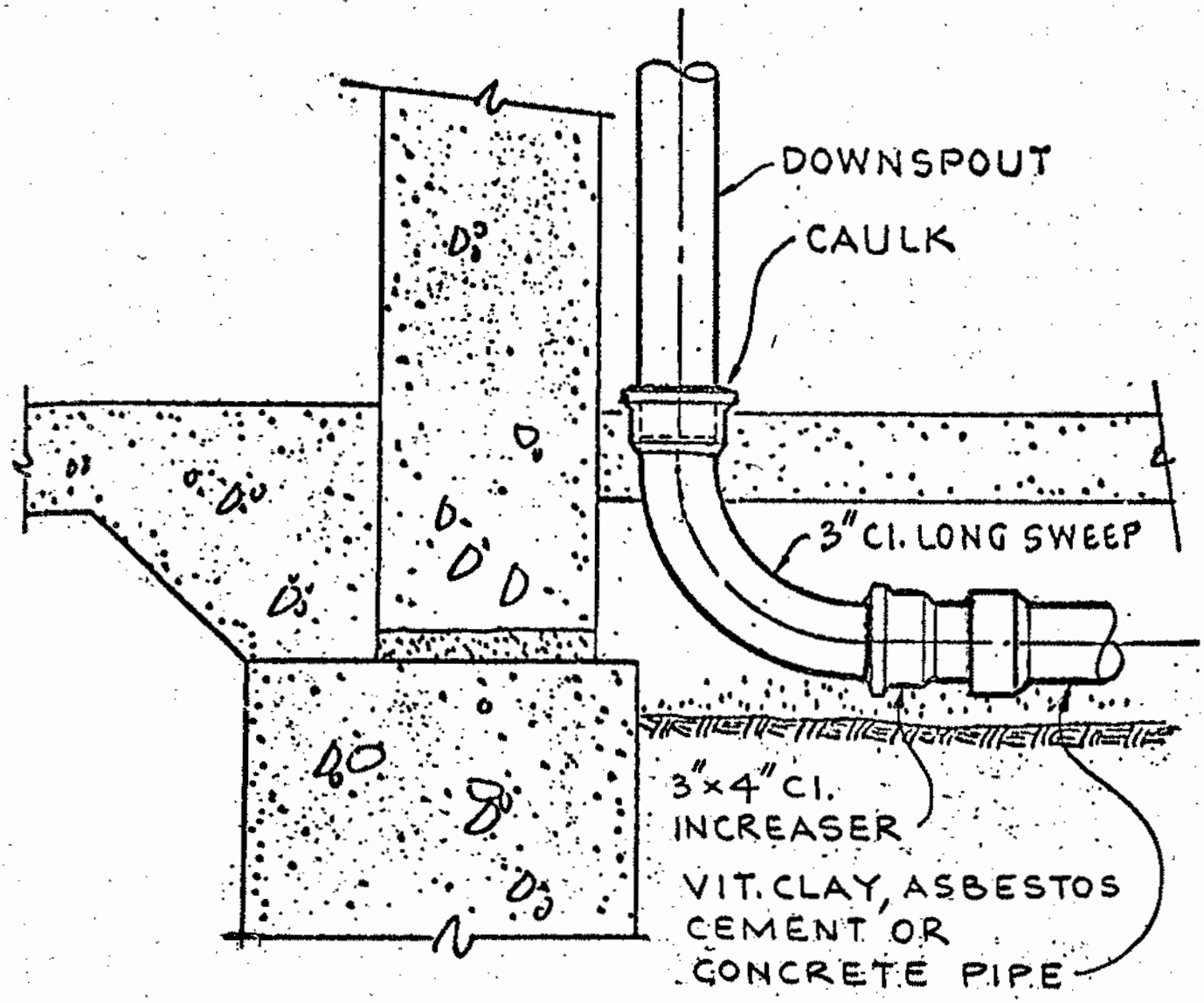


NOTE: ALL EXPOSED PIPING SHALL BE CHROME PLATED BRASS

EYE WASH & EMERGENCY SHOWER

DENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

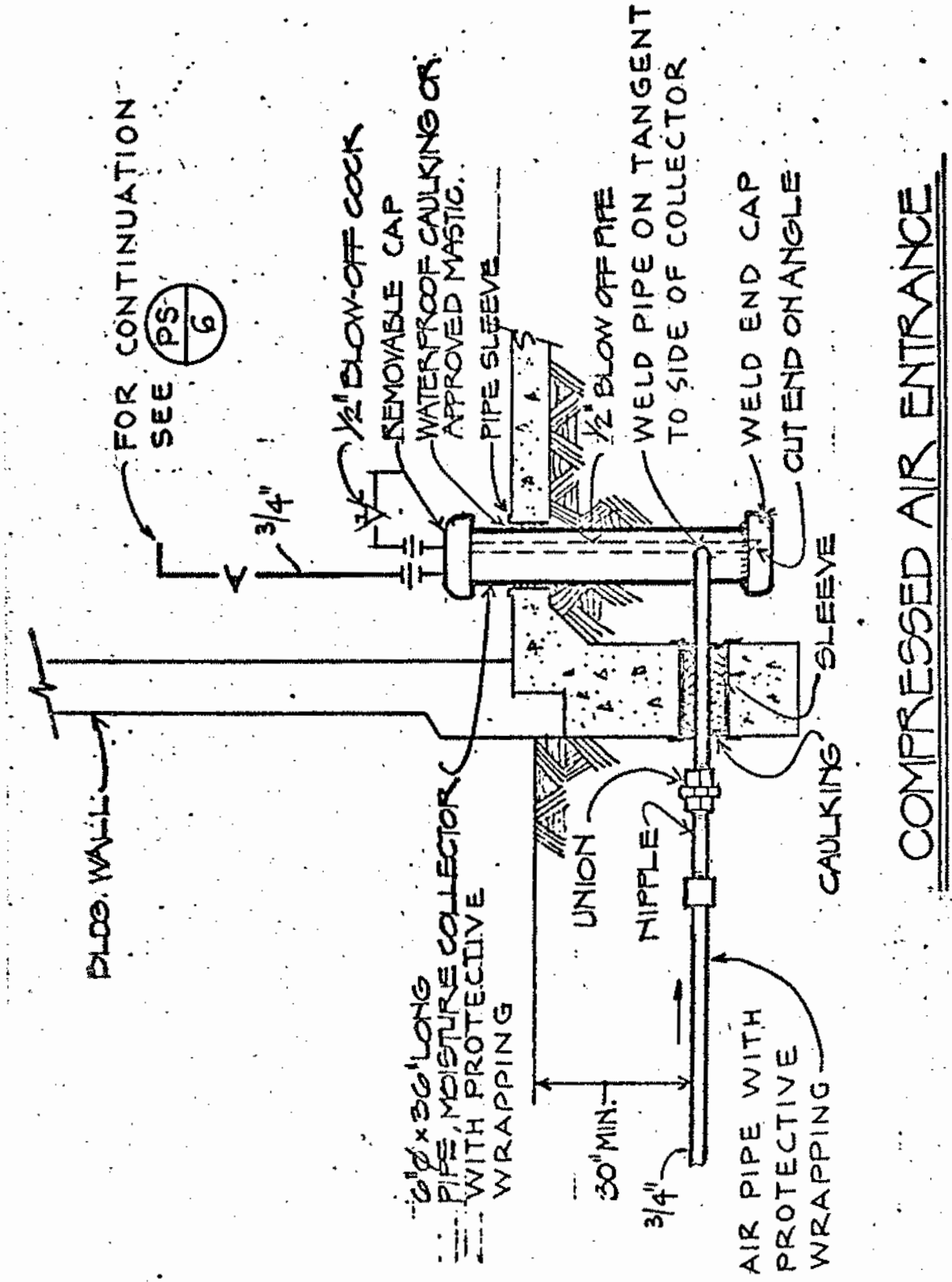
GROUP	DETAIL
D11	PS 19



TYPICAL CONNECTION OF DOWNSPOUTS

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DEEP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS 20



COMPRESSED AIR ENTRANCE

DETAIL NO SCALE

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

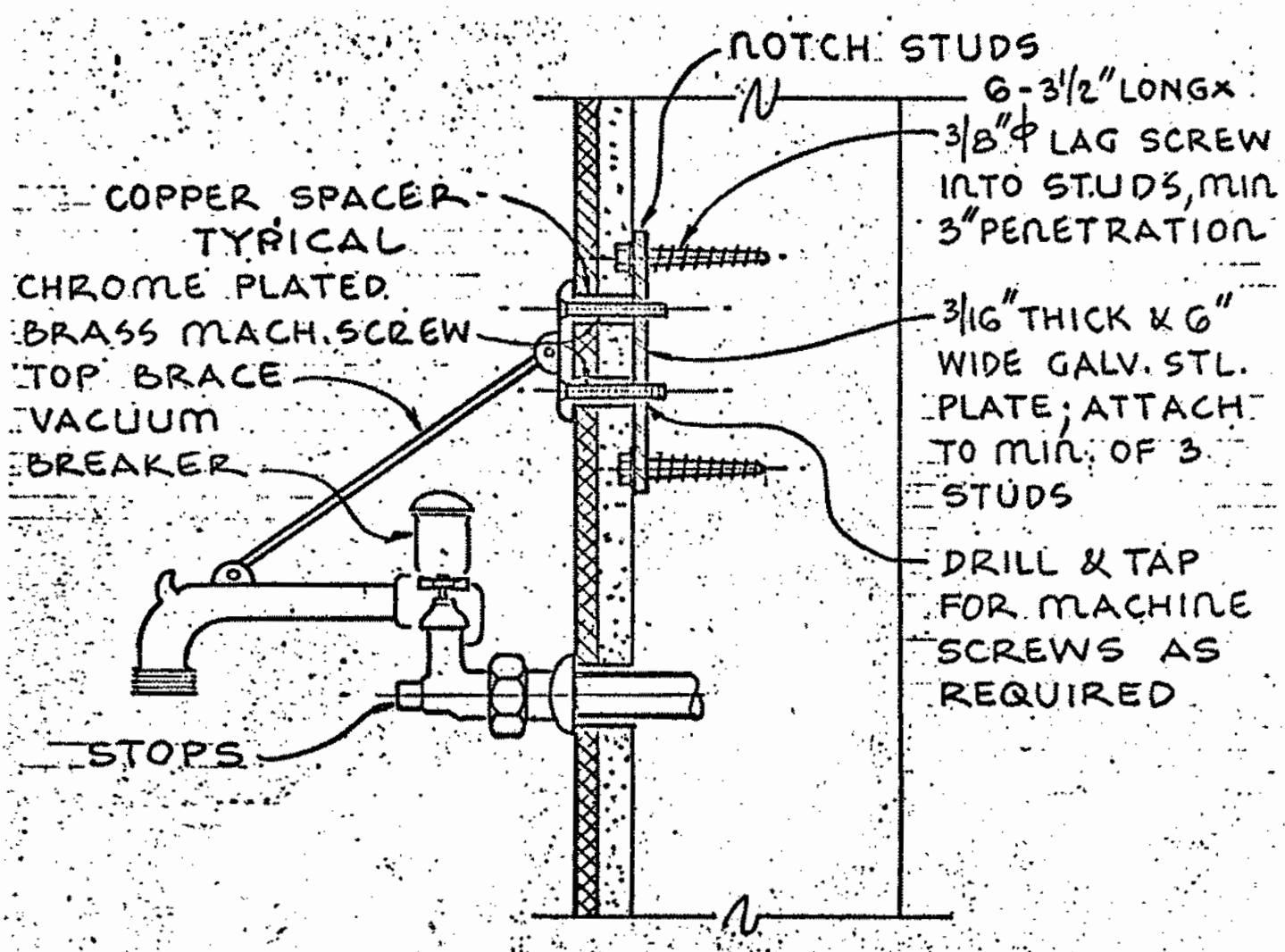
GROUP	DETAIL
D11	PS/21

Job No. 67-1-R

TYPICAL LAVATORY SUPPORT

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DESIGN W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS 22

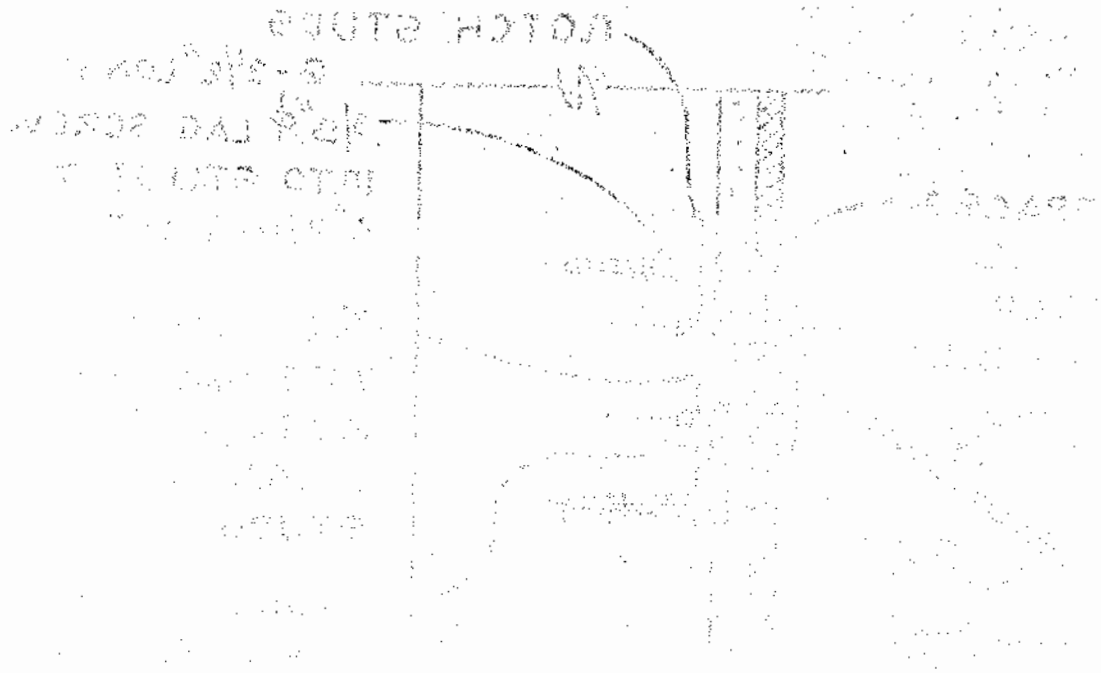


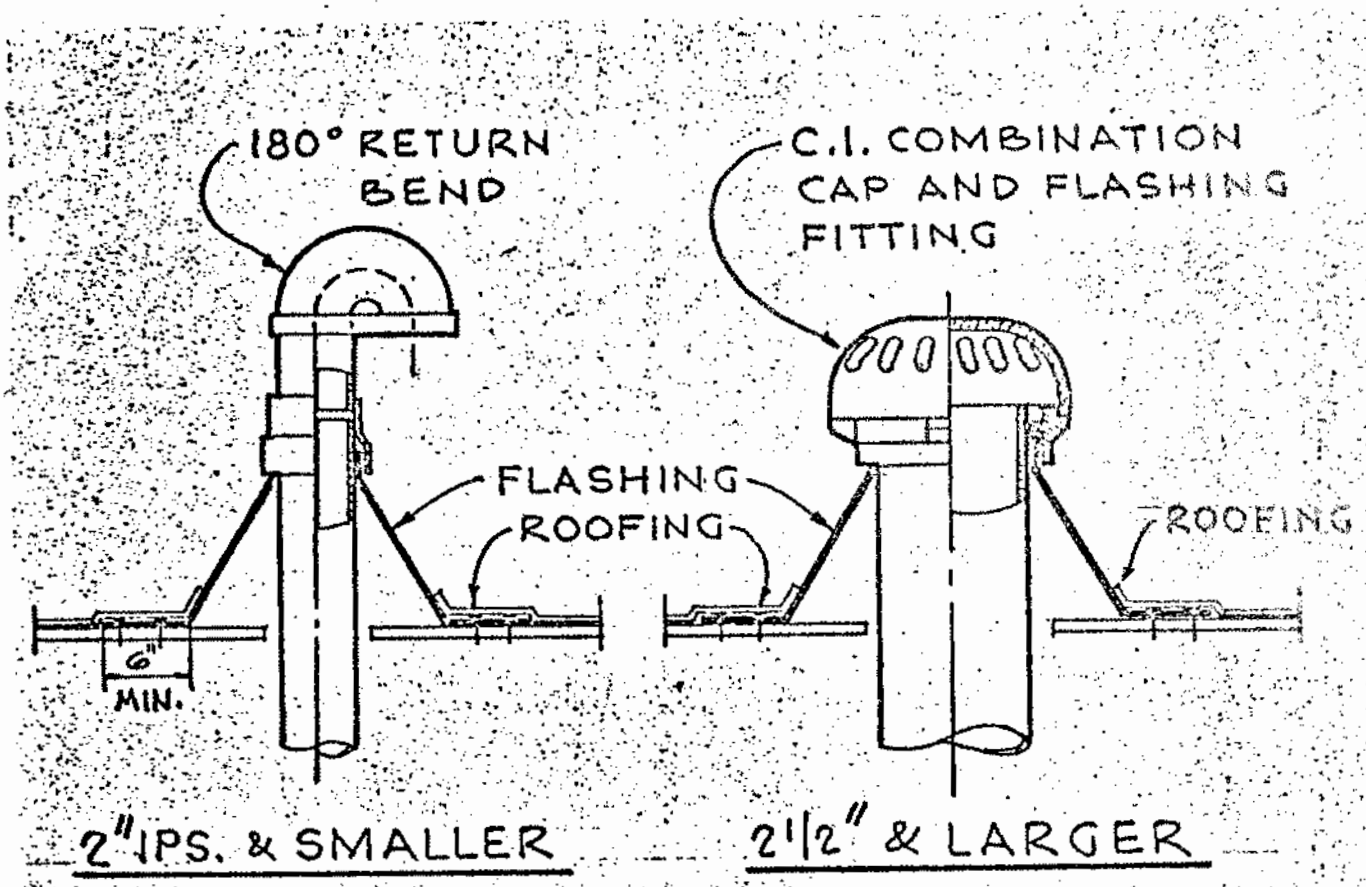
TYPICAL SERVICE RECEPTOR FAUCET INSTALLATION

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94108
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS/23





INSTALLATION OF VANDAL PROOF VENT CAPS

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D11	PS 24

FIXTURE CONNECTION * SCHEDULE

*MINIMUM SIZE FOR ROUGH-IN

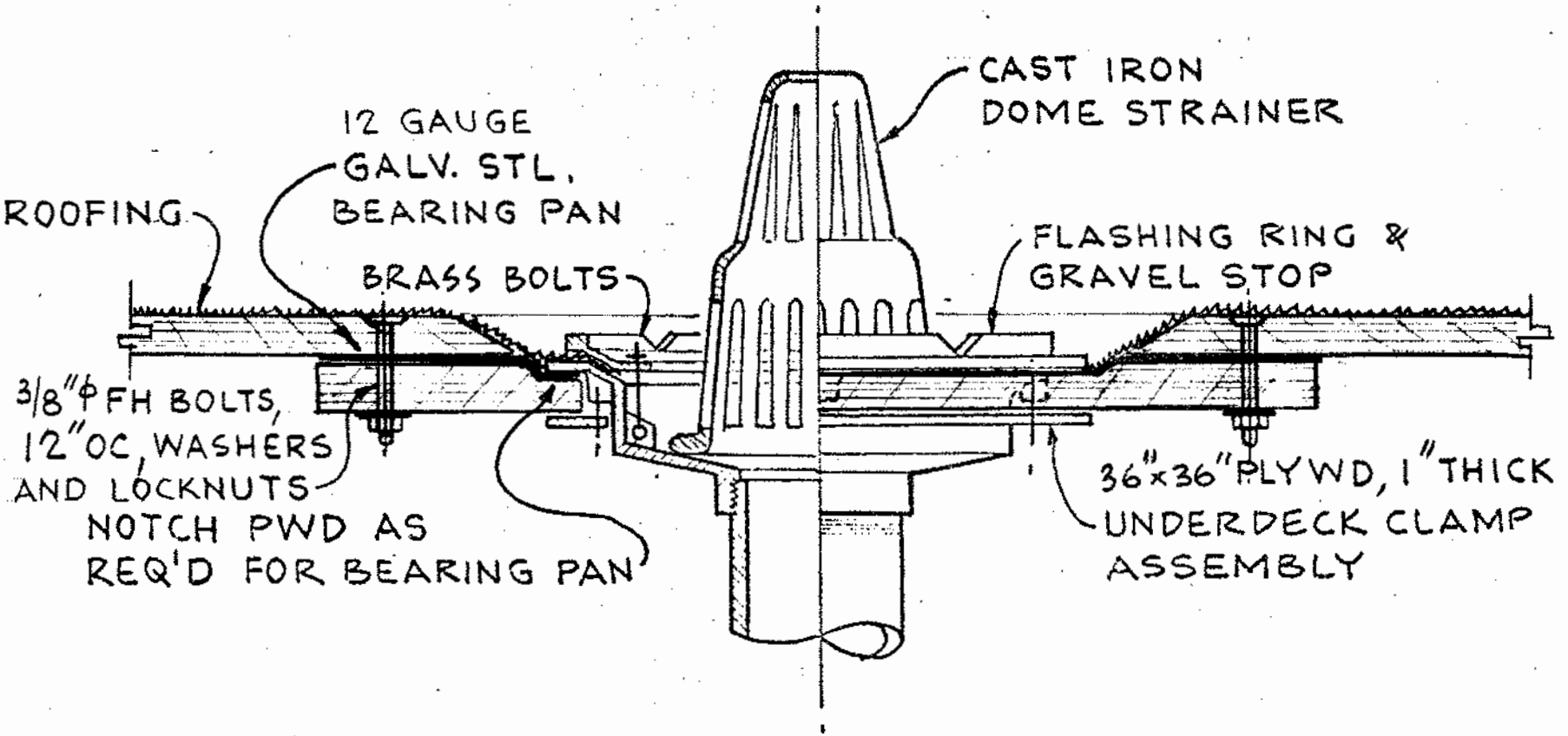
No	FIXTURE	SOIL	VENT	CW	HW
F-1	WATER CLOSET	4"	2"	1 1/4"	-
F-1A	WATER CLOSET	4"	2"	1 1/4"	-
F-2	URINAL	2"	2"	1"	-
F-3	LAVATORY	2"	1 1/2"	1/2"	1/2"
F-3A	WASH FOUNTAIN	2"	2"	1 1/4"	1 1/4"
F-4	SERVICE RECEPTOR	3"	2"	1/2"	1/2"
F-4A	SERVICE SINK	3"	2"	1/2"	1/2"
F-5	DRINKING FOUNTAIN	2"	1 1/2"	1/2"	-
F-5A	ELEC. WATER COOLER	2"	1 1/2"	1/2"	-
F-6	COUNTER SINK	2"	1 1/2"	1/2"	1/2"
F-7	SCULLERY SINK	2"	1 1/2"	1/2"	1/2"
F-8	SCULLERY SINK	2"	-	1/2"	-
F-9	SHOWER	2"	2"	1/2"	1/2"
F-10	EYE WASH & EMER. SH'R	2"	1 1/2"	1"	-

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D11

DETAIL PS 25

BENTLEY ENGINEERS
73 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

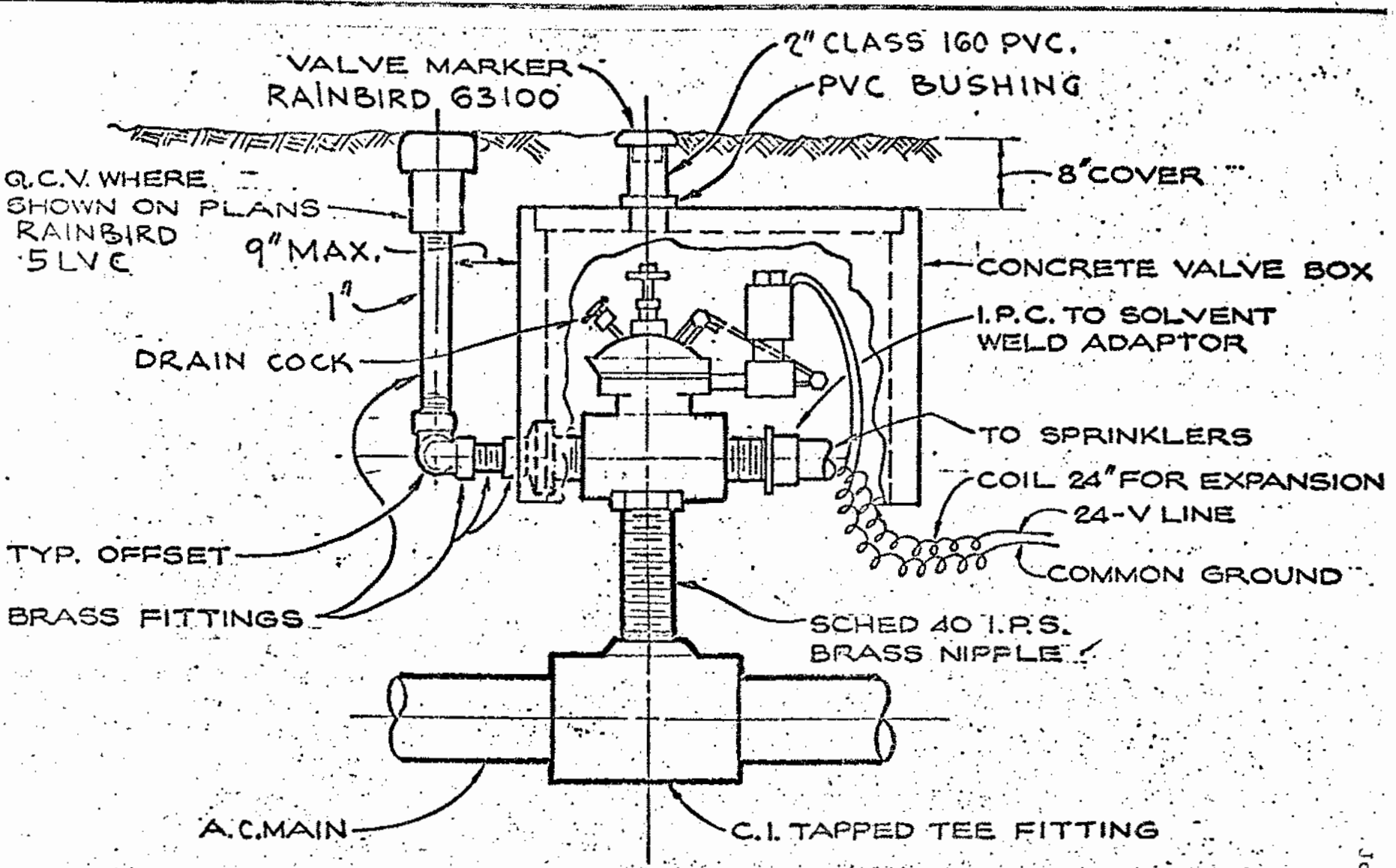


TYPICAL ROOF DRAIN INSTALLATION

GROUP D11

DETAIL PS 26

JOB 67-1-R PAGE 181



TYPICAL REMOTE CONTROL VALVE INSTALLATION

DENTLEY ENGINEERS
49 FREMONT ST.
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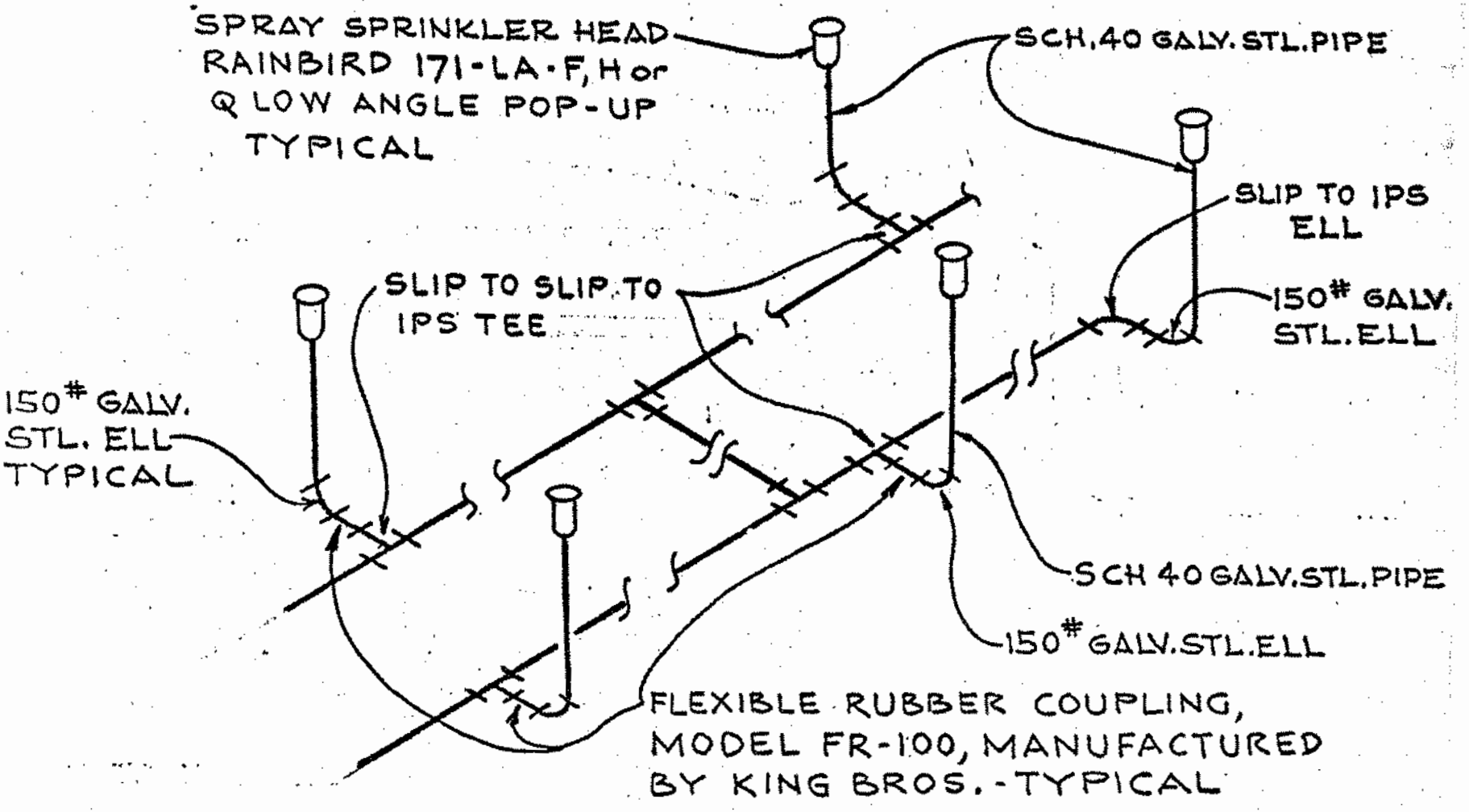
GROUP D11

DETAIL 05/27

JOB 67-1-R PAGE 182

Job No. 67-1-R

BENTLEY ENGINEERS
49 FREMONT ST.
SAN FRANCISCO CA 94105
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



TYPICAL POP-UP SPRAY SPRINKLER HEAD INSTALLATION

GROUP D11

DETAIL FS 28

JOB 67-1-R PAGE 183

SYMBOLS

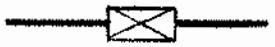
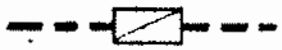
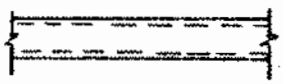
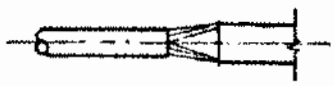
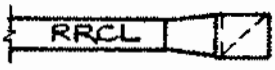
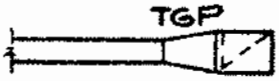
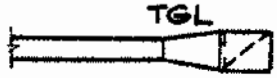
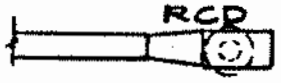
Job No. 67-1-R

SINGLE LINE		DOUBLE LINE
SRH / SGH	SUPPLY REGISTER OR GRILLE HIGH SIDE WALL	SRH / SGH
RRH / RGH | RRL / RGL	RETURN REGISTER OR GRILLE HIGH/LOW SIDE WALL	RRH / RGH RRL / RGL
SRF / SGF	SUPPLY REGISTER OR GRILLE, FLOOR	SRF / SGF
RRF / RGF	RETURN REGISTER OR GRILLE, FLOOR	RRF / RGF
ERF / EGF	EXHAUST REGISTER OR GRILLE, FLOOR	ERF / EGF
VD	VOLUME DAMPER, OPPOSED BLADE	VD
FD	FIRE DAMPER	FD
MD	MOTORIZED DAMPER	MD
RH	RE-HEAT COIL WITH ACCESS DOOR	RH
	LIGHT TROFFER S.A. BOTH SLOTS	
	LIGHT TROFFER S.A. SINGLE SLOT	
	R.A. THRU LIGHT (L.E.)	
	AIR FLOW INDICATION EXHAUST, RETURN, OR FRESH AIR INTAKE	
	AIR FLOW INDICATION, SUPPLY	
SLOPE	SLOPE	
(T)	THERMOSTAT	
(H)	HUMIDISTAT	
ø	DIAMETER OR ELECTRICAL PHASE	

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12 | DETAIL MS

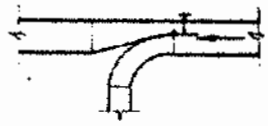
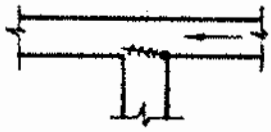
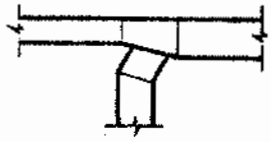
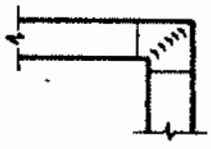
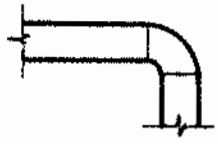
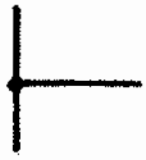
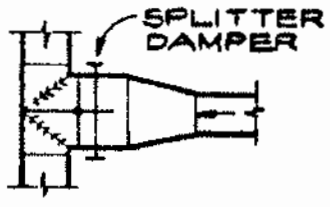
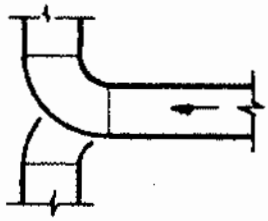
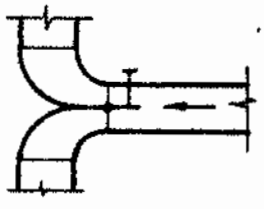
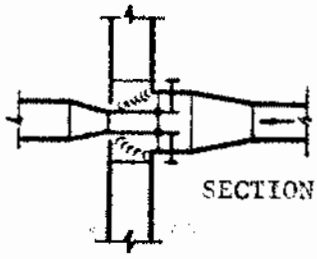
DUCT SYMBOLS

SINGLE LINE		DOUBLE LINE
	SUPPLY DUCT	
	RETURN OR EXHAUST DUCT	
	1" SOUND LINING DIMENSIONS NET INSIDE	
	TRANSITIONS ROUND TO SQUARE	
	FLEXIBLE CONNECTION DUCT	
	CEILING SUPPLY DIFFUSERS, PERFORATED	
	CEILING SUPPLY DIFFUSERS, LOUVERED	
	RETURN REGISTER,CEILING,PERFORATED	
	RETURN REGISTER CEILING, LOUVERED	
	EXHAUST REGISTER OR GRILLE, CEILING PERFORATED	
	EXHAUST REGISTER OR GRILLE, CEILING, LOUVERED	
	TRANSFER GRILLE, PERFORATED	
	TRANSFER GRILLE, LOUVERED	
	ROUND CEILING DIFFUSER	

SECTION 38 - MECHANICAL

DUCT SYMBOLS

Job No. 67-1-R

SINGLE LINE		DOUBLE LINE
	BRANCH TAKEOFF WITH SPLITTER DAMPER, ADJ. ROD AND LOCK DEVICE	
	BRANCH TAKEOFF WITH ADJUSTABLE EXTRACTOR	
	ROUND OR RECTANGULAR TAKE OFF	
	DUCT TURN WITH AIR FOIL TURNING VANE	
	DUCT TURN	
	TWO WAY TAKE OFF WITH TURNING VANE SPLITTER DAMPER, ADJ. ROD AND LOCK DEVICE	
	TWO WAY TAKE OFF HORIZONTAL	
	TWO WAY TAKE OFF WITH SPLITTER DAMPER ADJ. ROD AND LOCK DEVICE	
	THREE WAY TAKE OFF WITH TURNING VANE SPLITTER DAMPER, ADJ. ROD AND LOCK DEVICE	

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL C MS

JOB

PIPING SYMBOLS

——HWS——	HOT WATER HEATING SUPPLY
— —HWR— —	HOT WATER HEATING RETURN
——CWS——	CONDENSER WATER SUPPLY
— —CWR— —	CONDENSER WATER RETURN
——CHS——	CHILLED WATER SUPPLY
— —CHR— —	CHILLED WATER RETURN
—— HPS——	HIGH PRESSURE STEAM SUPPLY
—— MPS——	MEDIUM-PRESSURE STEAM SUPPLY
——LPS——	LOW-PRESSURE STEAM SUPPLY
— —HPC— —	HIGH-PRESSURE CONDENSATE
— —MPC— —	MEDIUM-PRESSURE CONDENSATE
— —LPC— —	LOW-PRESSURE CONDENSATE
— —VA— —	VACUUM
— —BLO— —	BOILER BLOW OFF
—o—oPC —o—o—	PUMPED CONDENSATE
— —oo— —oo— —	FEED WATER PUMP DISCHARGED
—— • — • — • —	MAKE-UP WATER
—— - — - —	AIR-RELIEF

——FOS——	FUEL OIL SUPPLY
——FOF——	FUEL OIL FLOW
— —FOR— —	FUEL OIL RETURN
— —FOV— —	FUEL OIL TANK VENT
——RD ——	REFRIGERANT DISCHARGE
—— D ——	DRAIN
— PHWS—	PRIMARY HOT WATER SUPPLY
— —PHWR— —	PRIMARY HOT WATER RETURN
——PCHS——	PRIMARY CHILLED WATER SUPPLY
— —PCHR— —	PRIMARY CHILLED WATER RET.

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

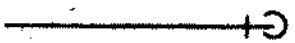
DETAIL D/MS 12/3

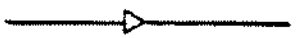
SECTION 38 - MECHANICAL

Job No. 67-1-R

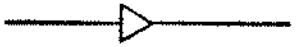
PIPING SYMBOLS

ELBOW TURNED UP

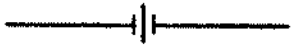

ELBOW TURNED DOWN

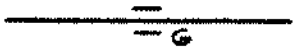

FLOW DIRECTION

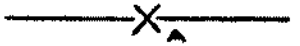
SLOPE DOWN


CONCENTRIC REDUCER

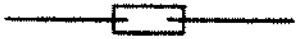
ECCENTRIC REDUCER


UNION

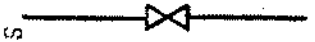

PIPE GUIDES

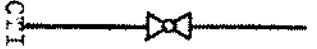

PIPE ANCHOR

PIPE FLEXIBLE CONNECTION

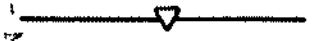

PIPE EXPANSION JOINT

TRAP ASSEMBLY


GATE VALVE


GLOBE VALVE

CHECK VALVE

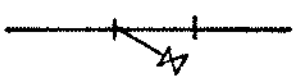

BALANCING COCK

SAFETY VALVE - RELIEF VALVE

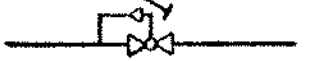
2 - WAY CONTROL VALVE

3 - WAY CONTROL VALVE

PET COCK


STRAINER WITH BLOW DOWN

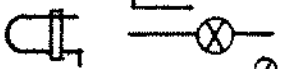
STRAINER


PRESSURE REDUCING VALVE

AIR VENT, MANUAL

THERMOSTAT, WALL MOUNTED

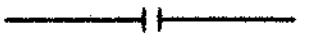
THERMOMETER


FLOAT & THERMOSTATIC TRAP

PRESSURE GAGE WITH SIPHON

PLUG VALVE (LUBRICATED)

PIPE CAP


TEST FLANGE WITH ORIFICE

PRESSURE GAGE CONNECTION

THERMOMETER WELL

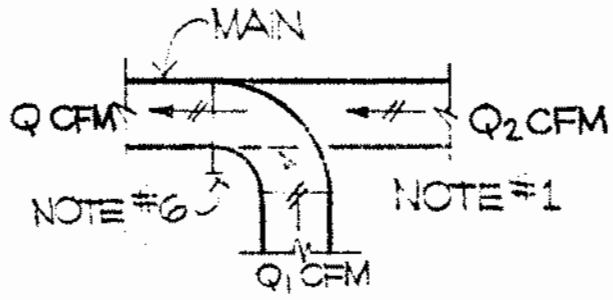
SECTION 38 - MECHANICAL

Job No. 67-1-R

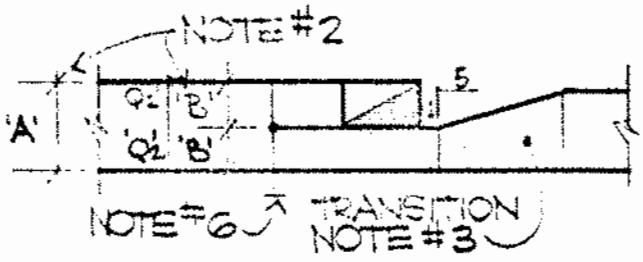
BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL M5 18

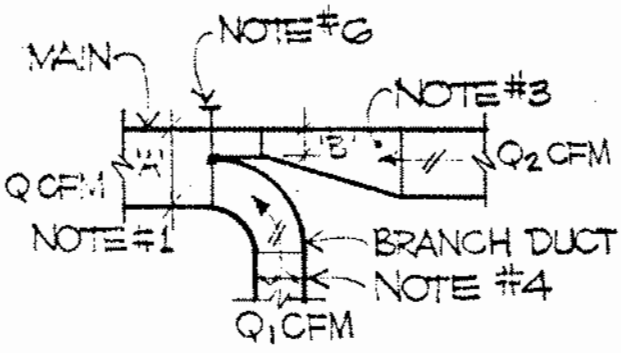


PLAN



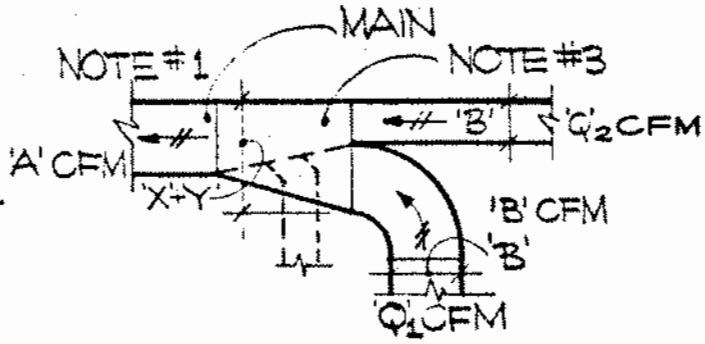
ELEVATION

TYPE C



PLAN

TYPE A



PLAN

TYPE B

EXH. OR RETURN BRANCH DUCT DETAILS

NOTES

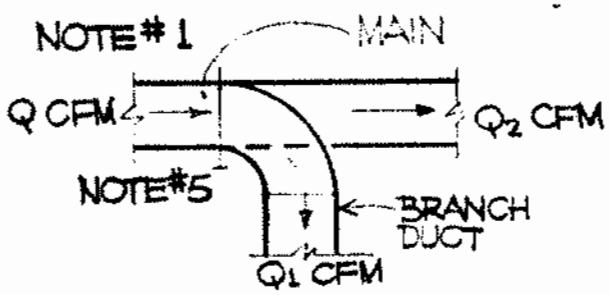
1. SEE PLANS FOR DUCT SIZES AND AIR QUANTITIES.
2. DIMENSION 'B'='Q' CFM x 'A' DUCT WIDTH ÷ Q CFM TO NEAREST ½" BUT NOT LESS THAN 3".
3. TRANSITION SLOPE 1 IN 5 MIN. (TYP.)
4. OPPOSED BLADE VOLUME DAMPER AS SHOWN ON PLANS.
5. TAKE OFF MAY BE USED IF BRANCH DUCT IS LESS THAN 300 CFM OR GREATER.
6. SPLITTER DAMPER SHALL BE CONNECTED TO OPERATING ROD TO OUTSIDE OF DUCT W/LOCK DEVICE.

SPLIT DIM. IN INCHES

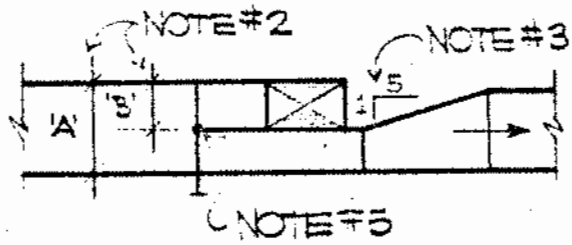
$$\text{DIM. 'B'} = \frac{Q_1\ \text{CFM}}{Q\ \text{CFM}} \times \text{DIM. 'A'}$$

$$\text{DIM 'B'} = \frac{Q_2\ \text{CFM}}{Q\ \text{CFM}} \times \text{DIM. 'A'}$$

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL MS

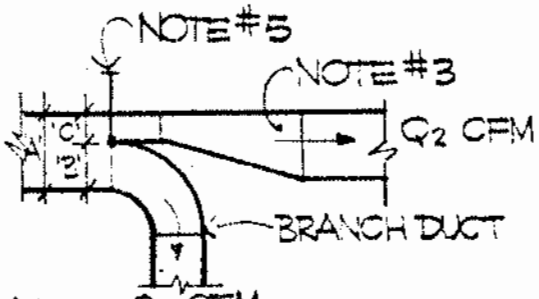


PLAN



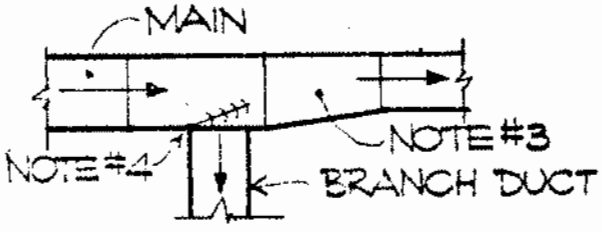
ELEVATION

HORIZONTAL SPLITTER DAMPER



PLAN

SPLITTER DAMPER



PLAN

EXTRACTOR DAMPER ADJUSTABLE

SUPPLY BRANCH DUCT DETAILS

NOTES:

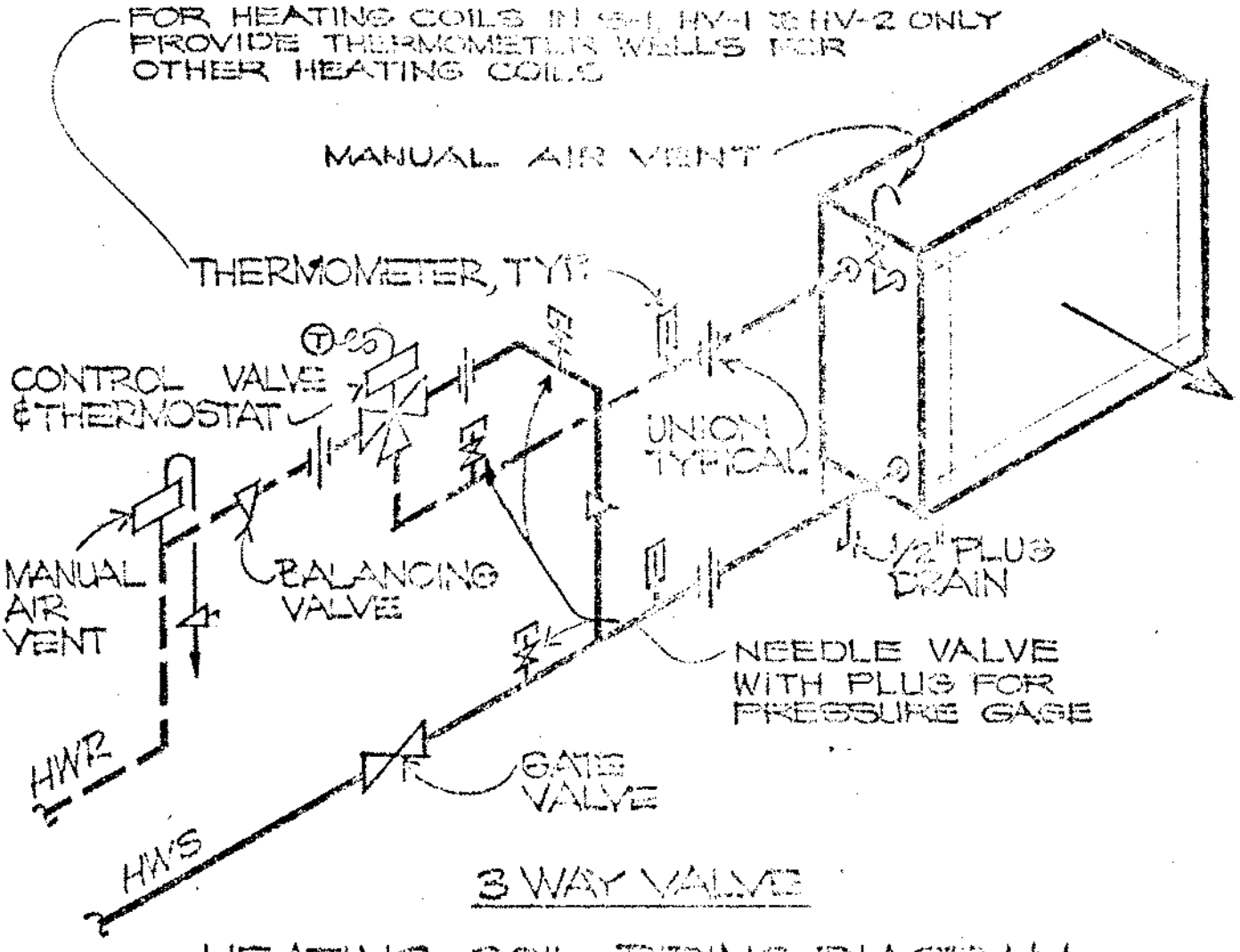
1. SEE PLANS FOR DUCT SIZES AND AIR QUANTITIES.
2. DIMENSION 'B' = 'Q' CFM x 'A' DUCT WIDTH ÷ 'Q' CFM - TO NEAREST 1/2" BUT NOT LESS THAN 3" INCREASE DUCT DIM. TO ACCOMODATE MIN. SPLIT.
3. TRANSITION SLOPE 1 IN 5 MIN. (TYP.)
4. DAMPER CONTROLS SHALL BE LOCKING QUADRANT - DAMPERS 18 GA. MIN.
5. SPLITTER DAMPER SHALL BE CONNECTED TO OPERATING ROD TO OUTSIDE OF DUCT WITH LOCK DEVICE

SPLIT DIM. IN INCHES

$$\text{DIM 'B'} = \frac{Q_1\ \text{CFM}}{Q\ \text{CFM}} \times \text{DIM}$$

$$\text{DIM 'C'} = \frac{Q_2\ \text{CFM}}{Q\ \text{CFM}} \times \text{DIM}$$

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL G M5

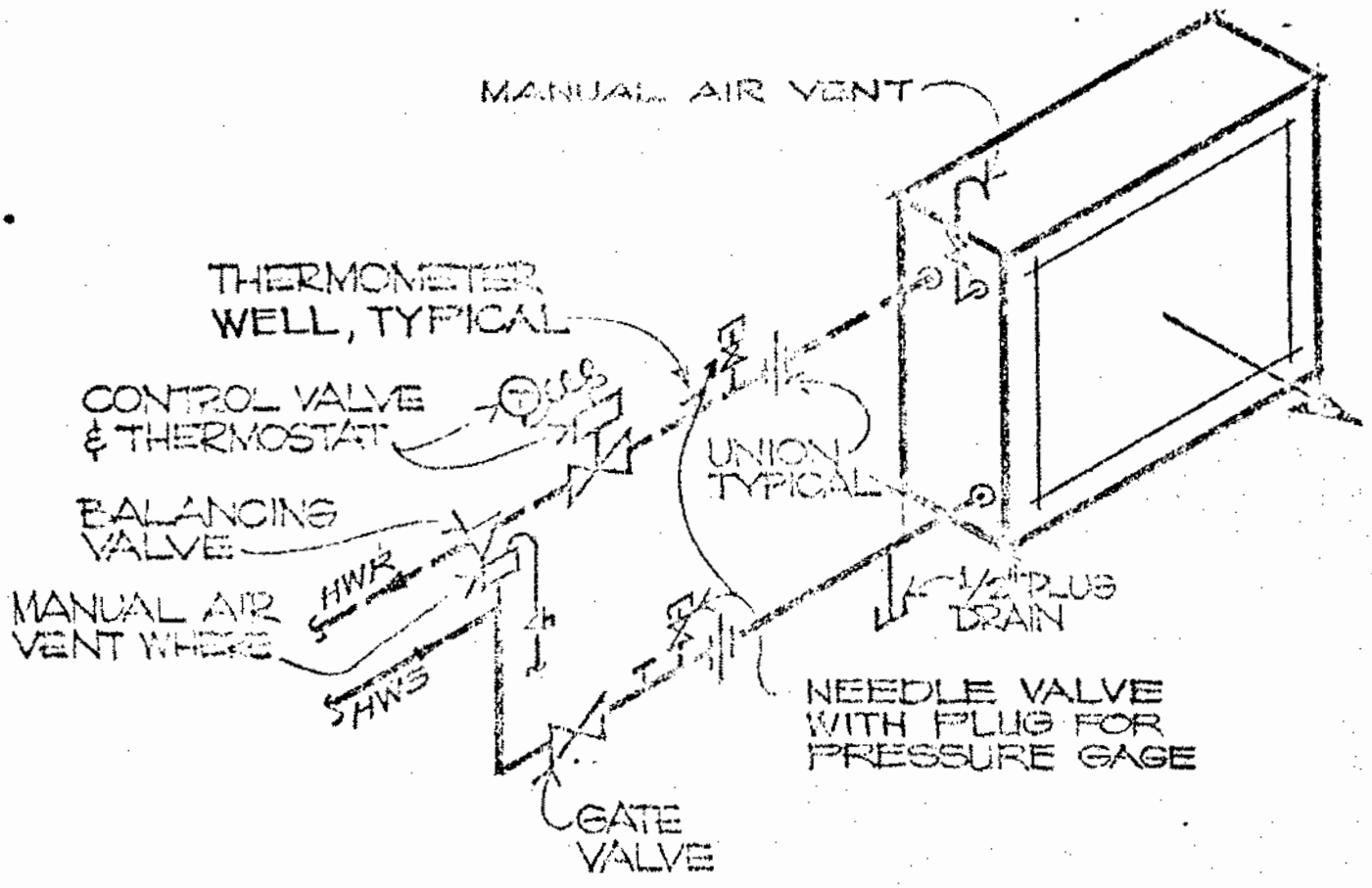


3 WAY VALVE

HEATING COIL PIPING DIAGRAM

NOTE: PROVIDE AIRTIGHT ADEQUATELY SIZED DUCT DOORS TO BOTH FACES OF COILS UNLESS ACCESS IS PROVIDED OTHERWISE. SEE "SMACNA" FOR CONSTRUCTION DETAILS. SEE COIL SCHEDULE FOR CONTROL VALVES.

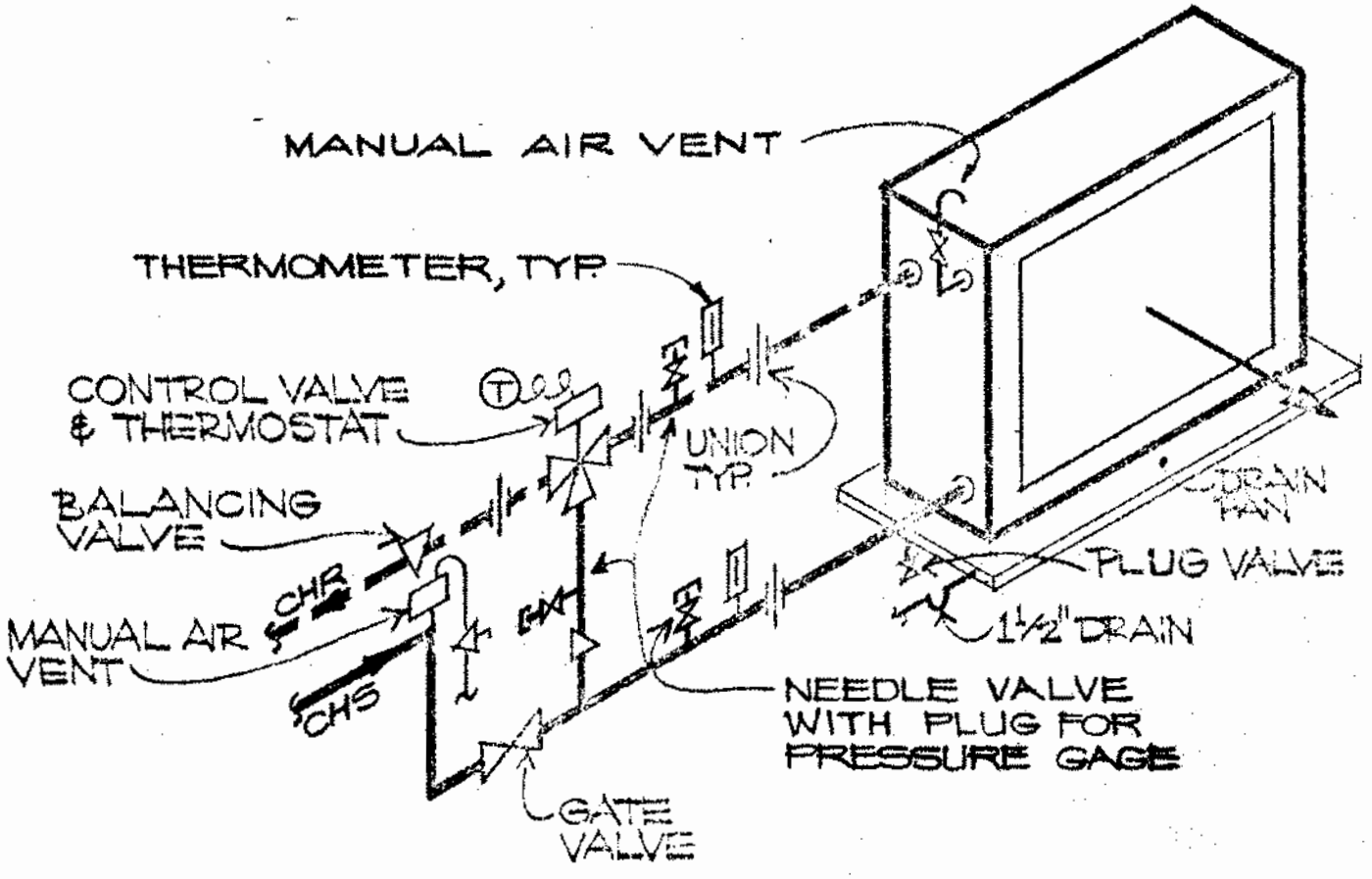
BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE PETTY W. JOHNSON, POOLE, & STONE, ARCHITECTS	GROUP D 12	DETAIL 1 M5



2 WAY VALVE

HEATING COIL PIPING DIAGRAM

NOTE: PROVIDE AIRTIGHT ADEQUATELY SIZED DUCT DOORS TO BOTH FACES OF COILS UNLESS ACCESS IS PROVIDED OTHERWISE. SEE "SMACNA" FOR CONSTRUCTION DETAILS. SEE COIL SCHEDULE FOR CONTROL VALVES.



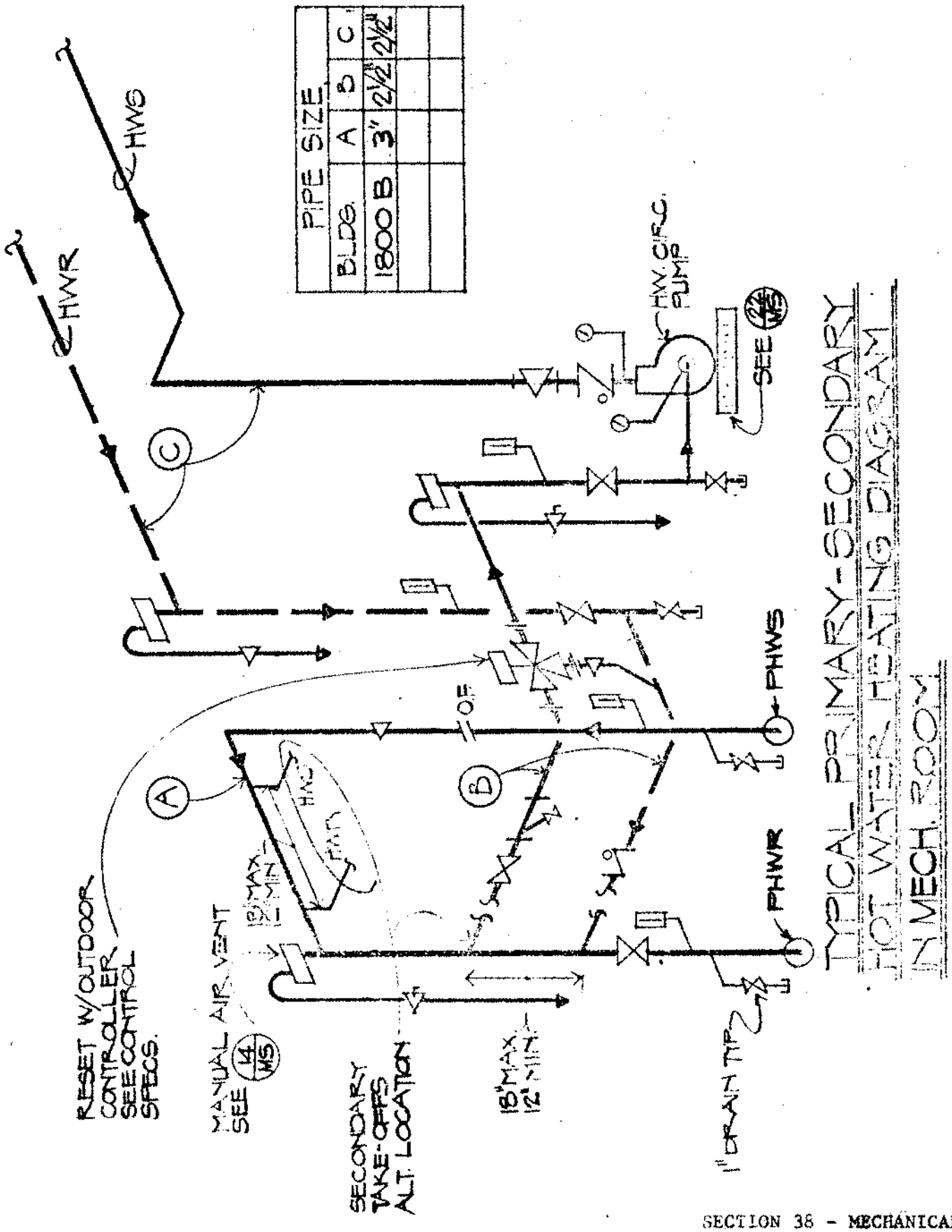
3 WAY VALVE

COOLING COIL PIPING DIAGRAM

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL 3

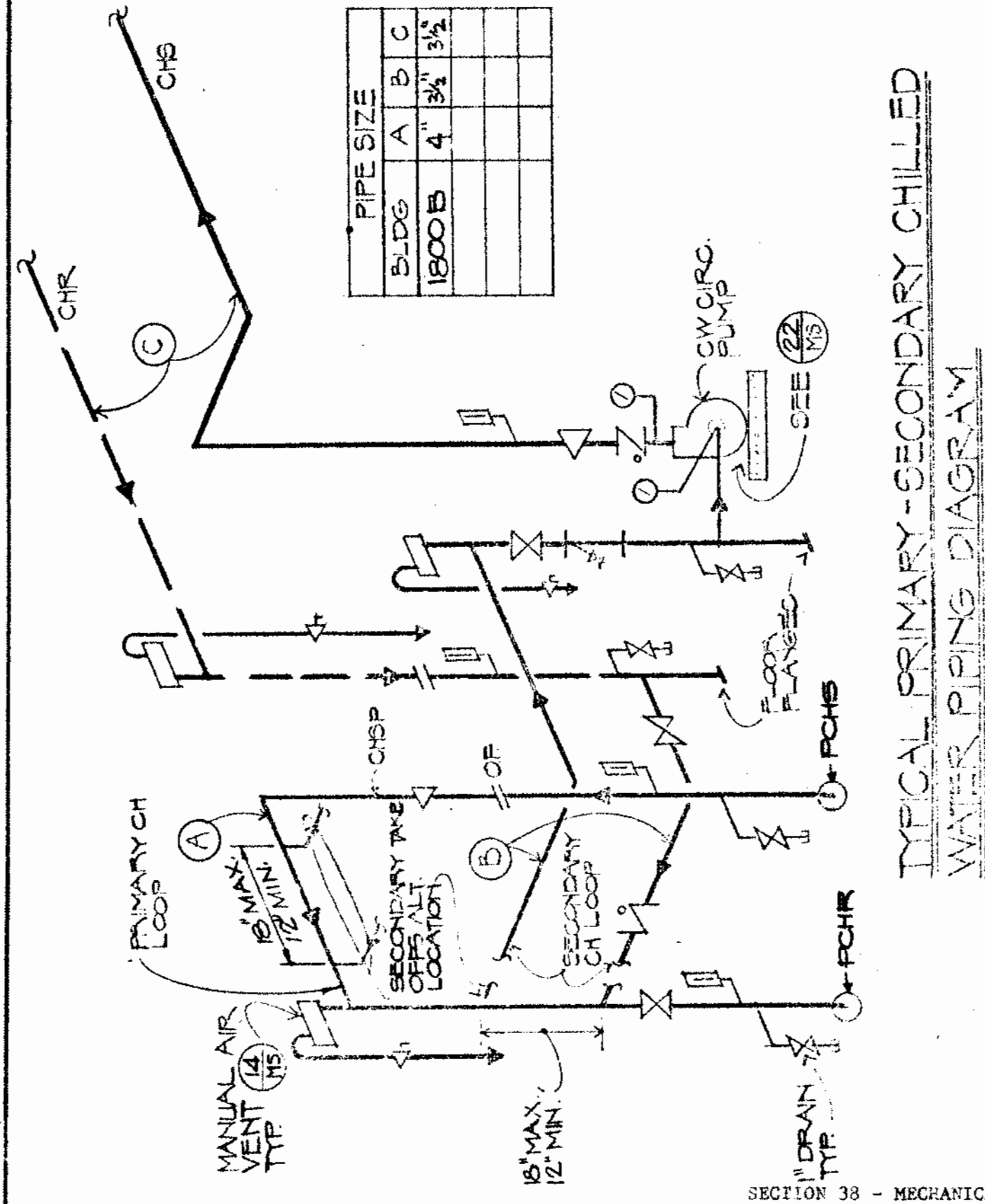


TYPICAL PRIMARY-SECONDARY HOT WATER PIPING DIAGRAM
MECH. ROOM

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12
DETAIL 4

JOB



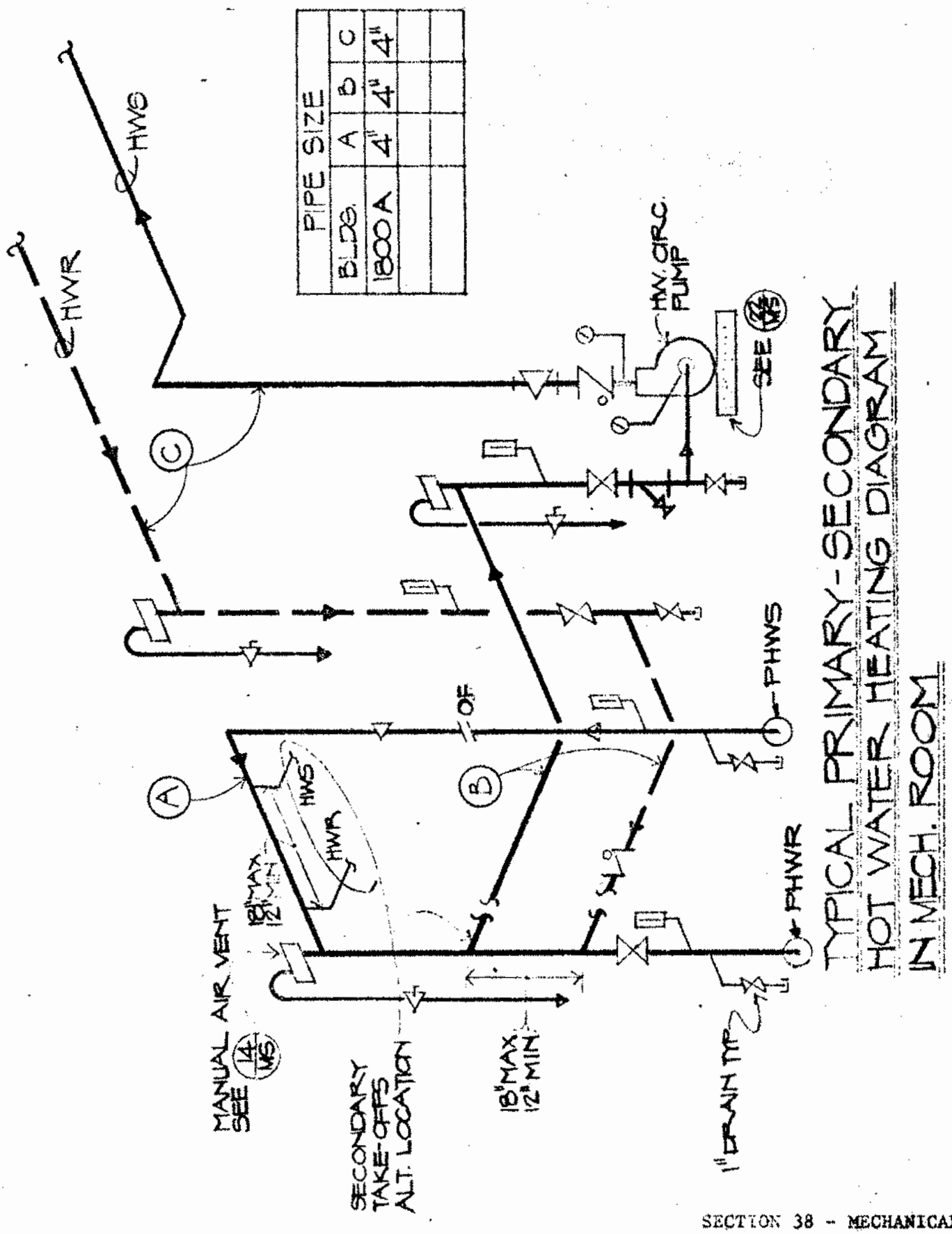
TYPICAL PRIMARY-SECONDARY CHILLED WATER PIPING DIAGRAM

SECTION 38 - MECHANICAL

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL 5



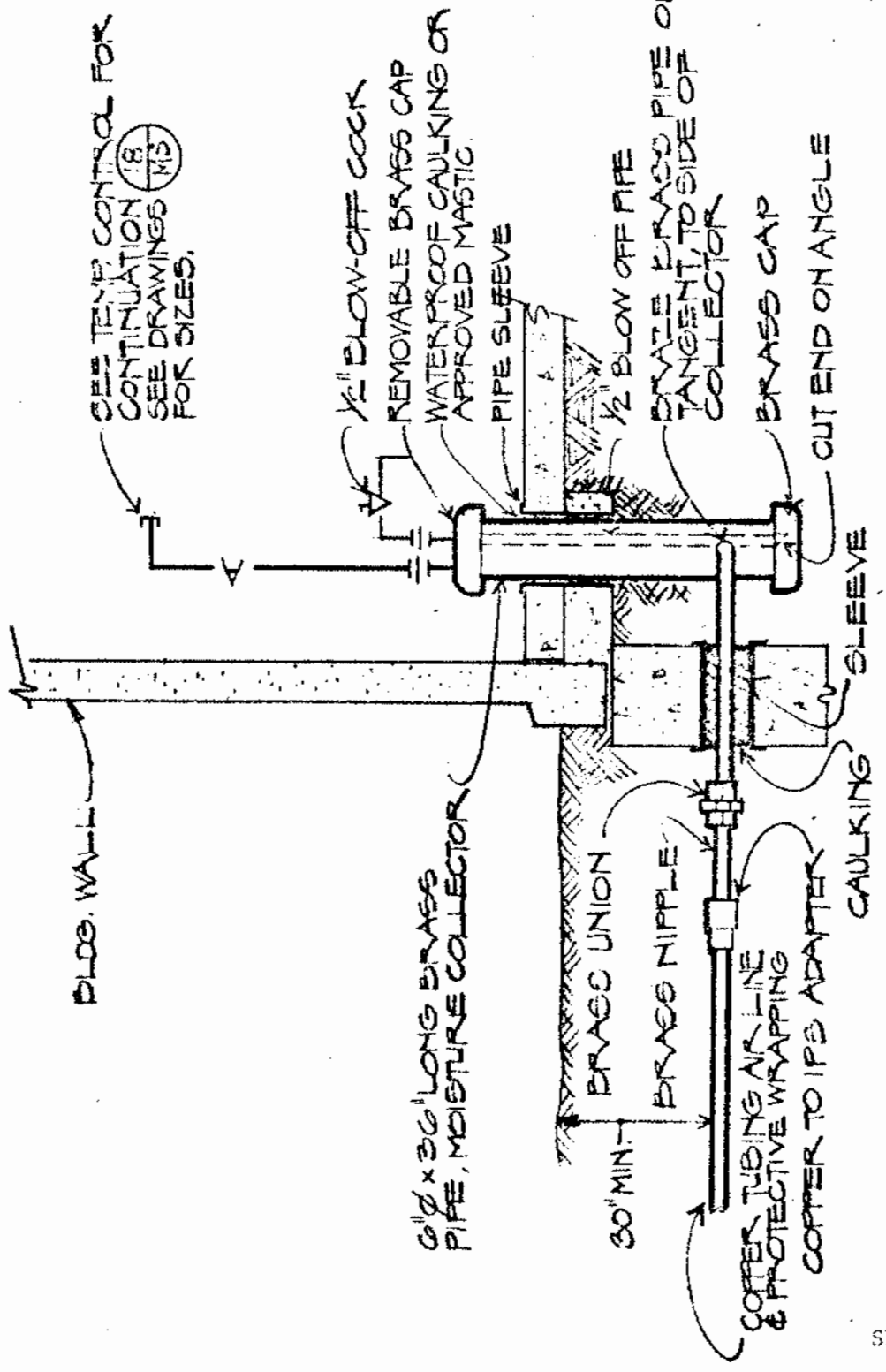
TYPICAL PRIMARY-SECONDARY HOT WATER HEATING DIAGRAM IN MECH. ROOM

SECTION 38 - MECHANICAL

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL 6

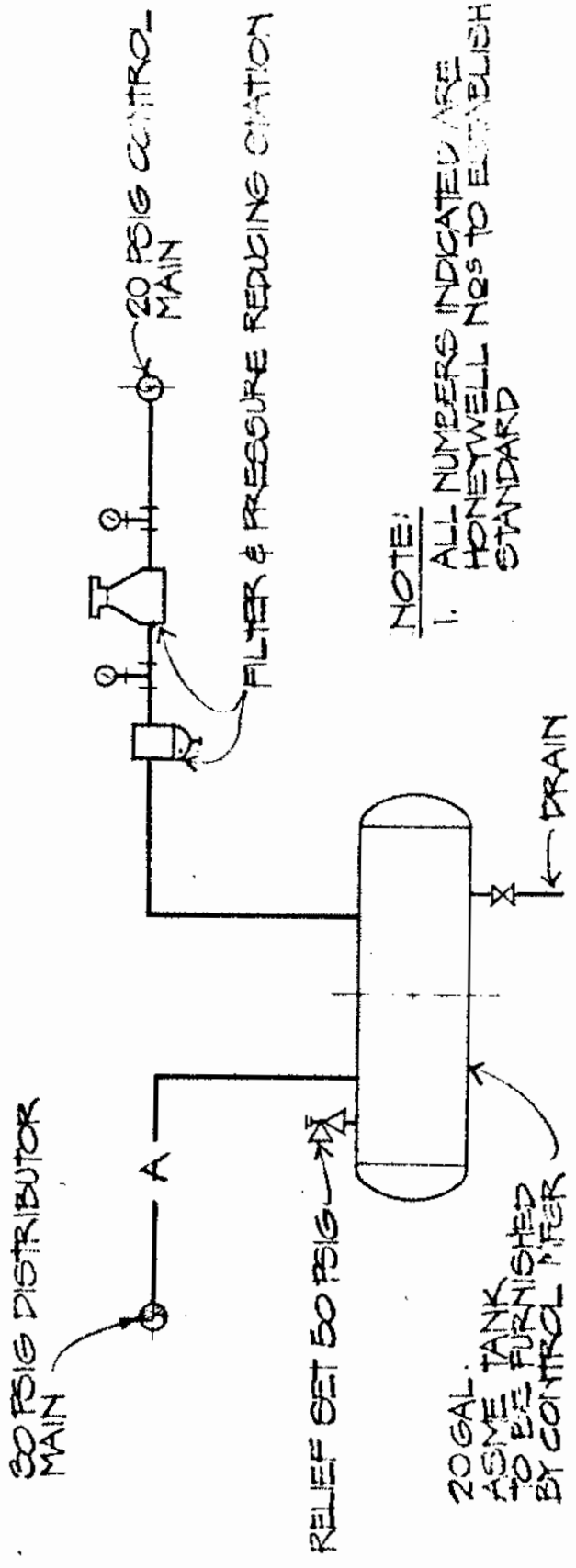


TYPICAL COMPRESSED AIR ENTRANCE

DETAIL NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 12	7/MS



TYPICAL BUILDING CONTROL AIR SUPPLY

NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 12	MS

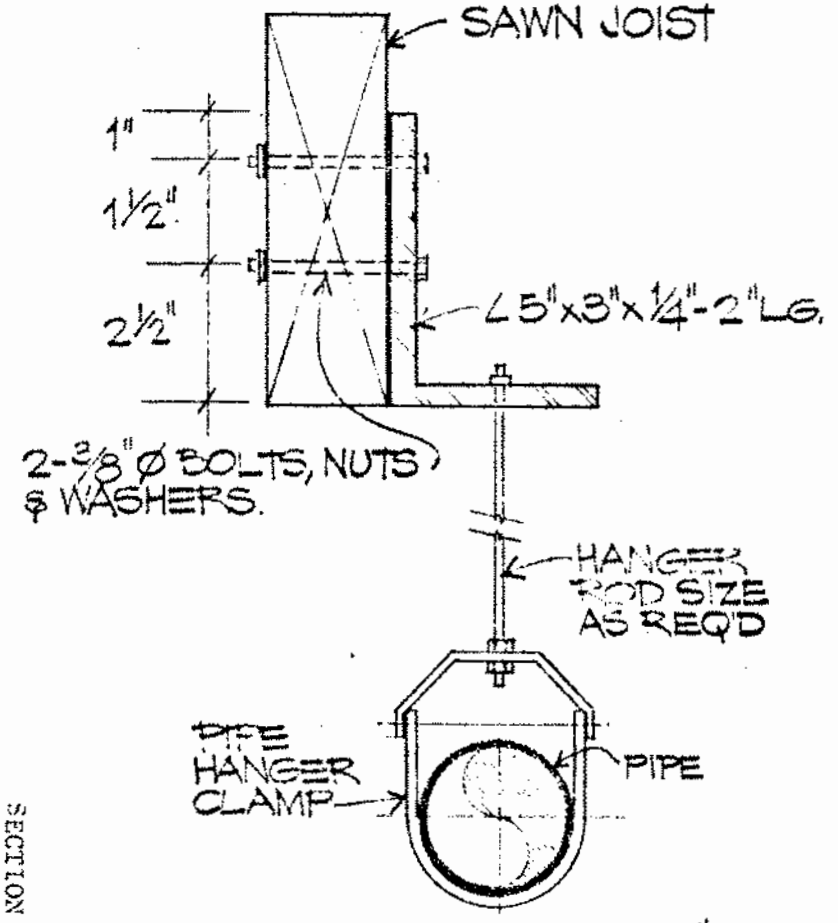
BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

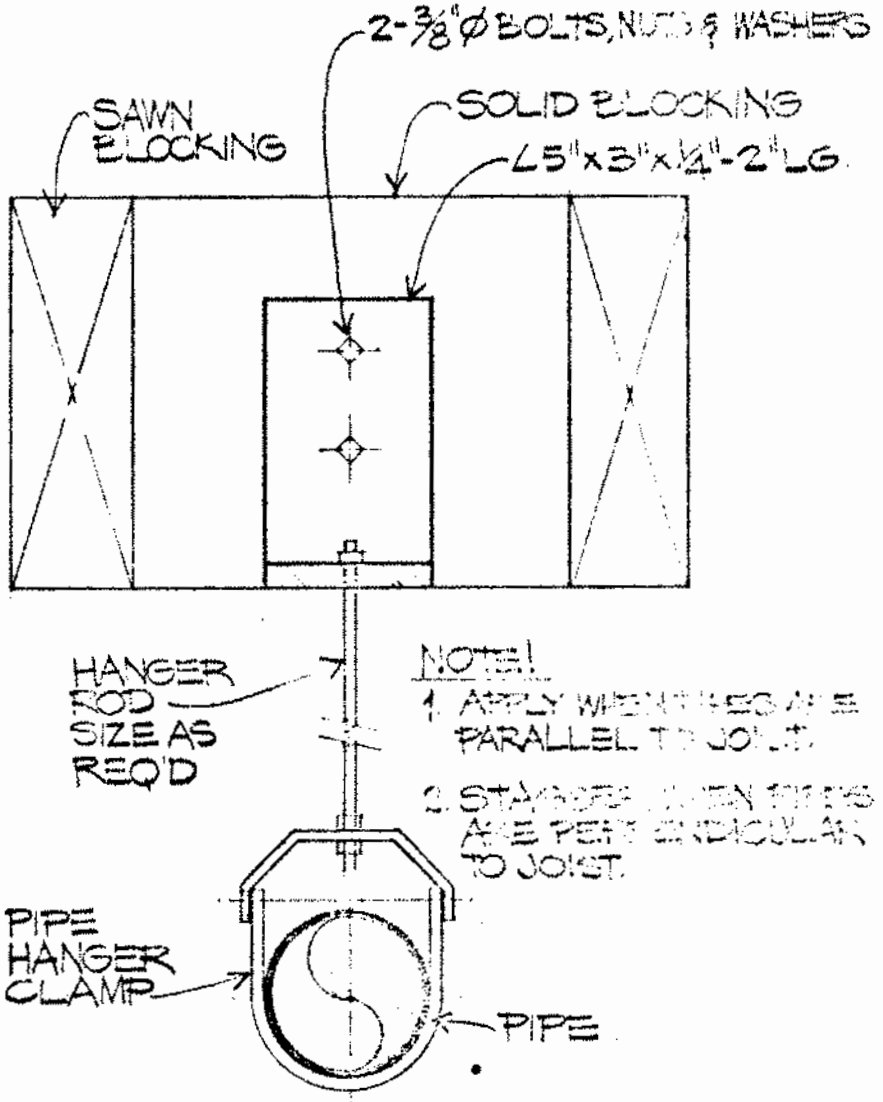
DETAIL 10/MS

PAGE 199

NOTE!
1. APPLY WHEN PIPES ARE PARALLEL TO JOIST.
2. STAGGER WHEN PIPES ARE PERPENDICULAR TO JOIST, 2 PIPES MAX. PER SAWN JOIST.



LESS THAN 4"



4" OR LARGER

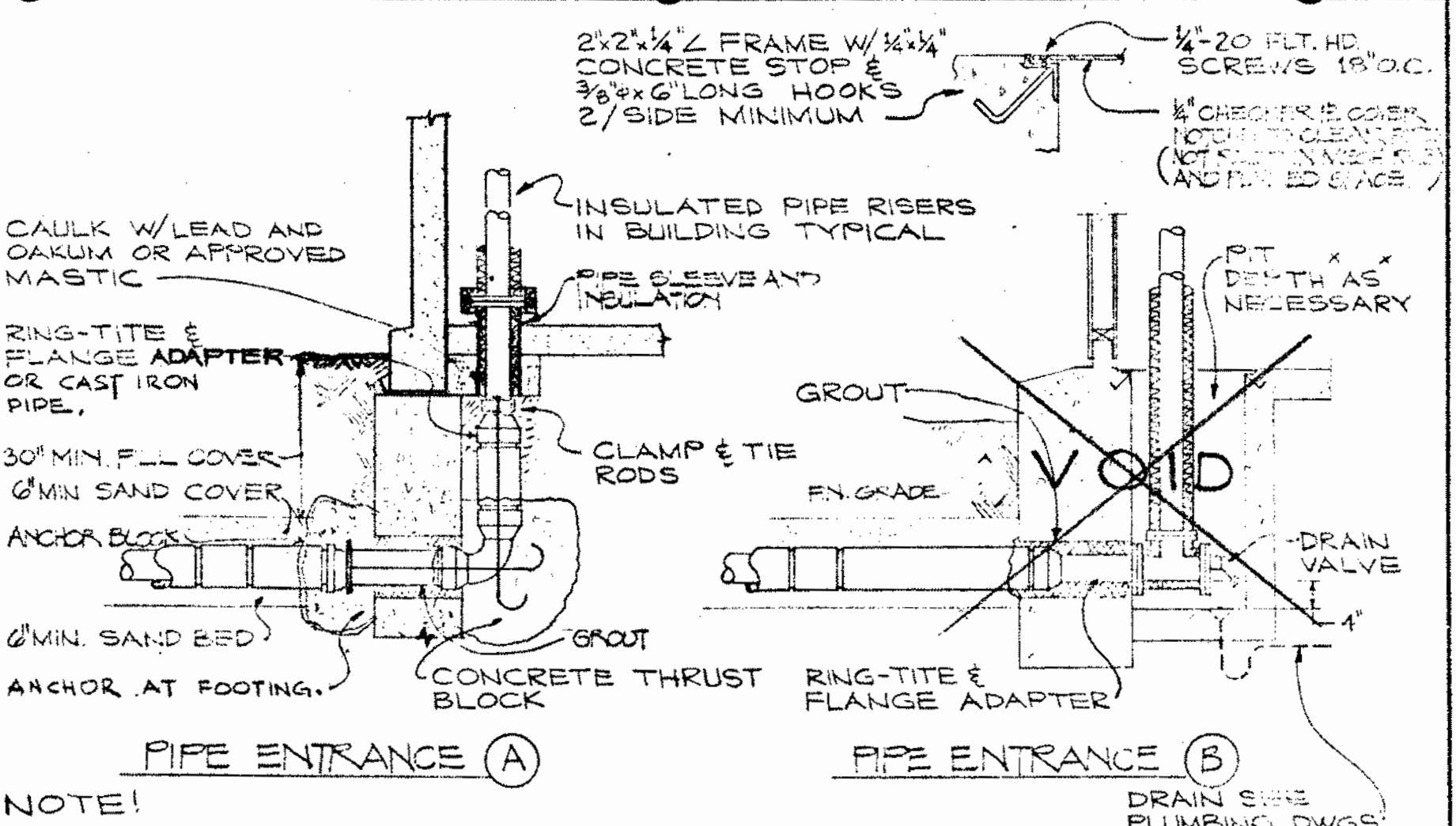
TYPICAL PIPING & EQUIP. SUPPORT AT SAWN JOIST

NO SCALE

SECTION 38 - MECHANICAL

Job No. 67-1-R

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, A STORE, ARCHITECTS



PIPE ENTRANCE (A)

PIPE ENTRANCE (B)

NOTE!

1. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR OTHER INSTALLATION REQUIREMENTS.
2. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING CONSTRUCTION.

PIPE ENTRANCE DETAILS

NO SCALE

SECTION 38 - MECHANICAL

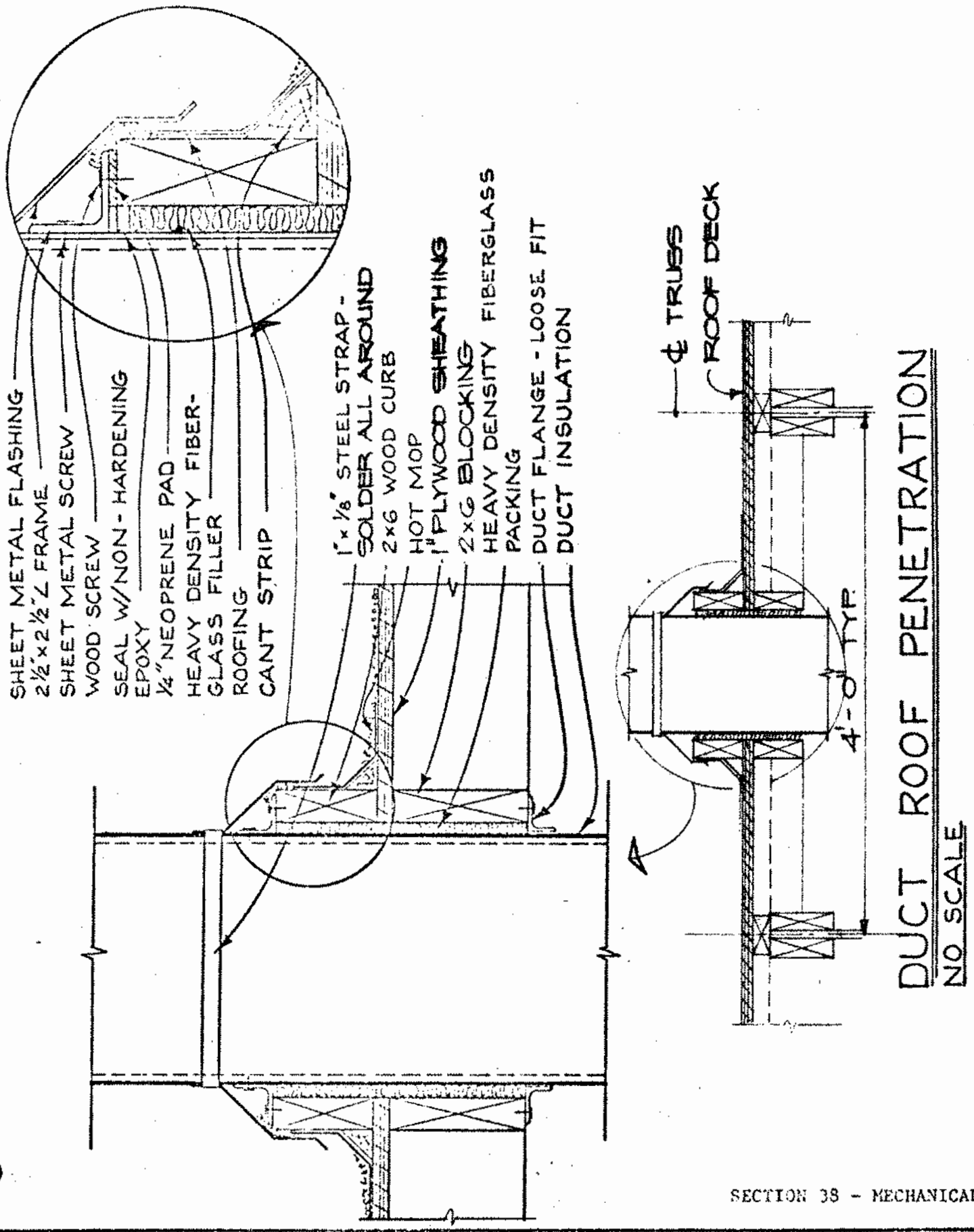
Job No. 67-1-R

JOB

GROUP D 12

DETAIL 10/M5

PAGE 200



DUCT ROOF PENETRATION

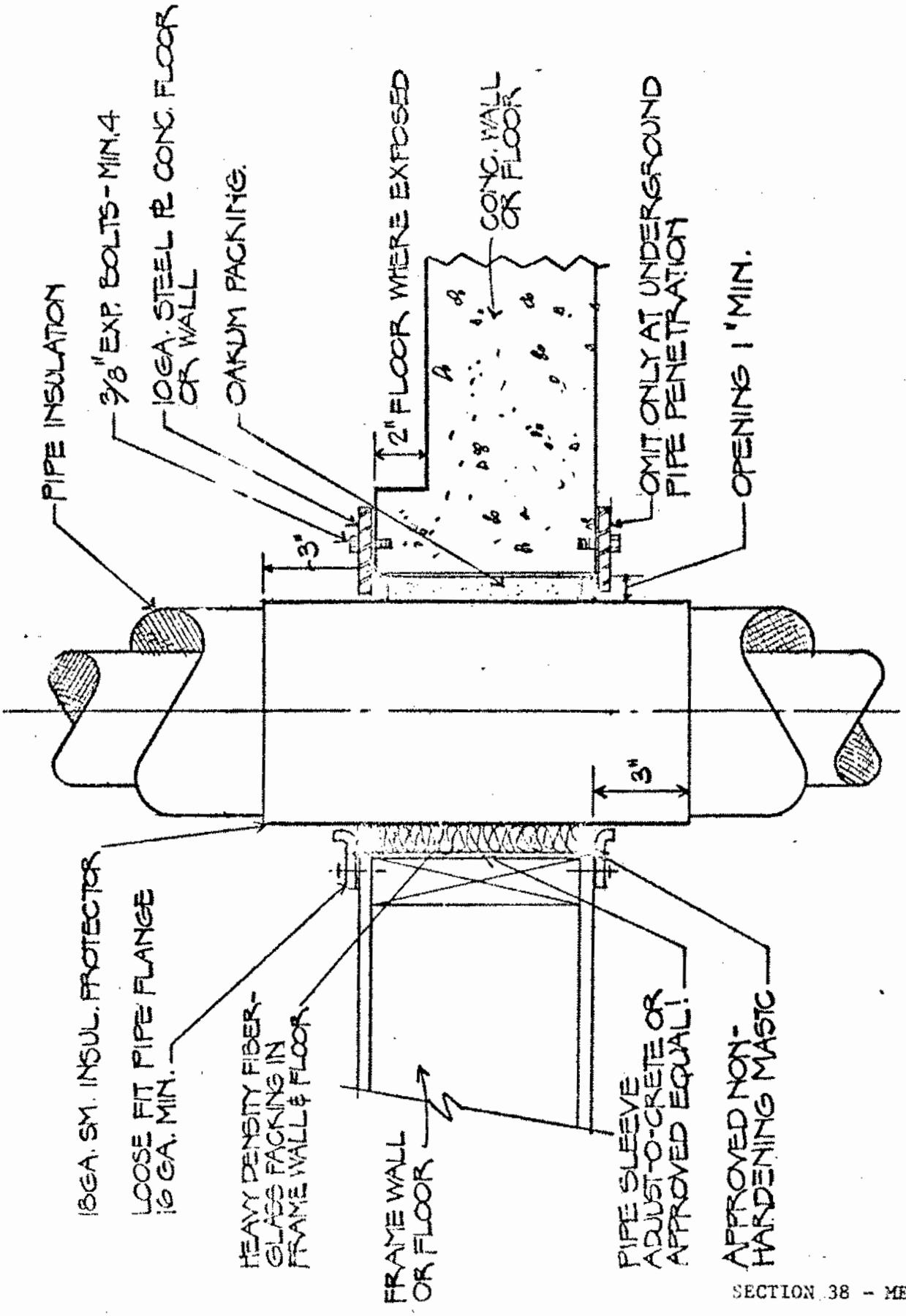
NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

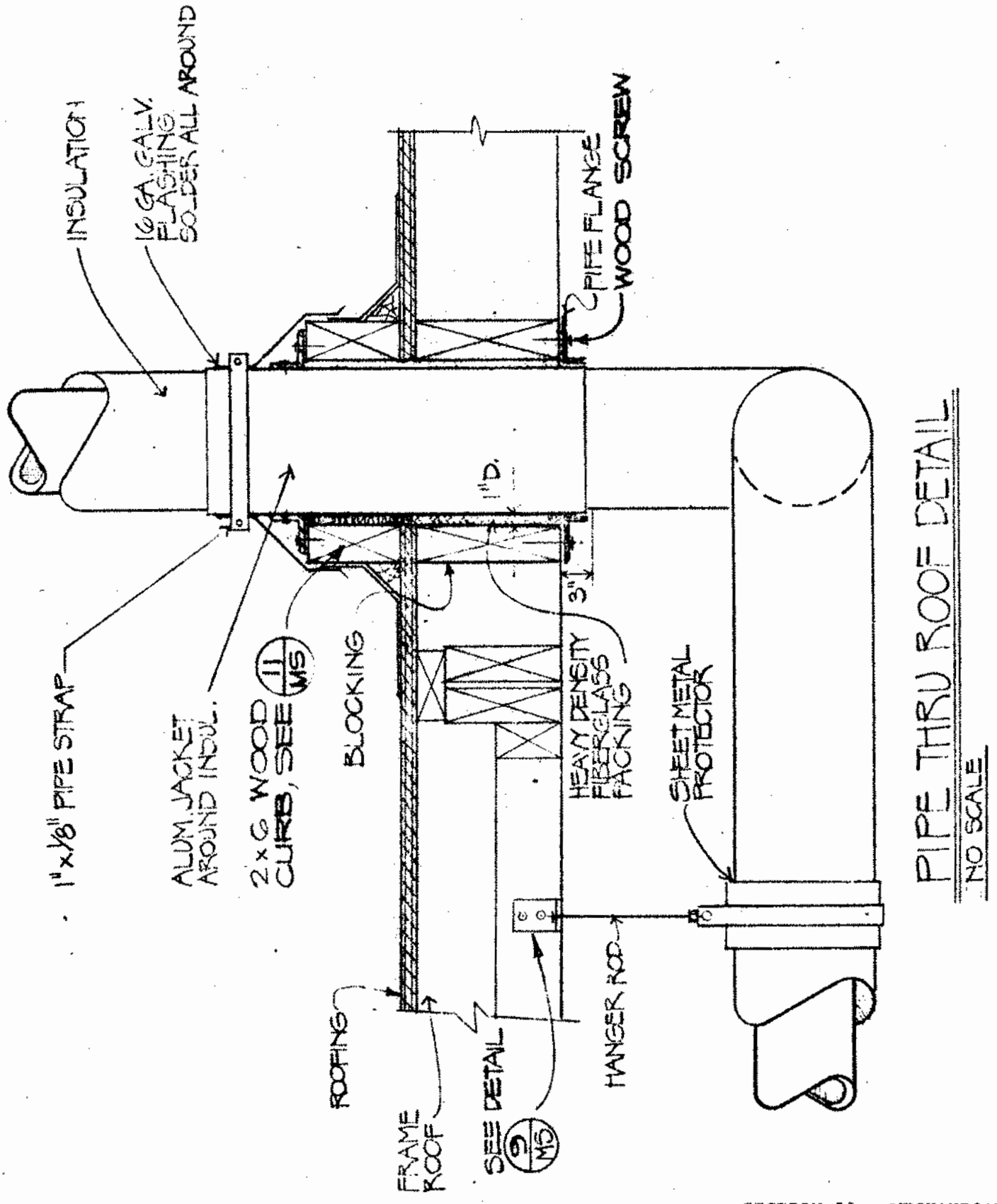
DETAIL 1/1 M5

PIPE GLAND THRU FLOOR OR WALL



SECTION 38 - MECHANICAL

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL 12 M/S 202



PIPE THRU ROOF DETAIL

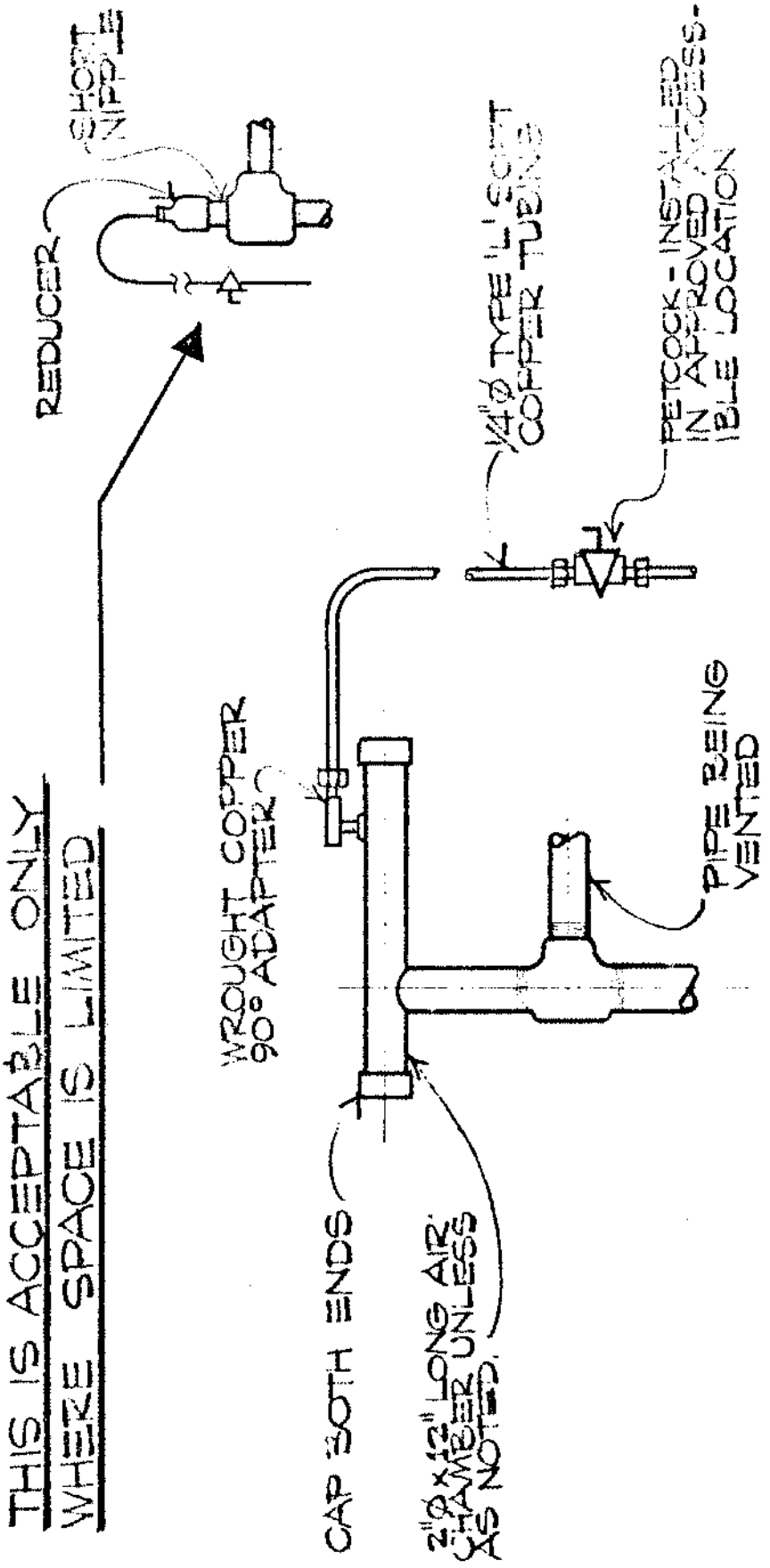
NO SCALE

BENTLEY ENGINEERS INC.

SOLANO COUNTY JR COLLEGE

DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 12	13/M5

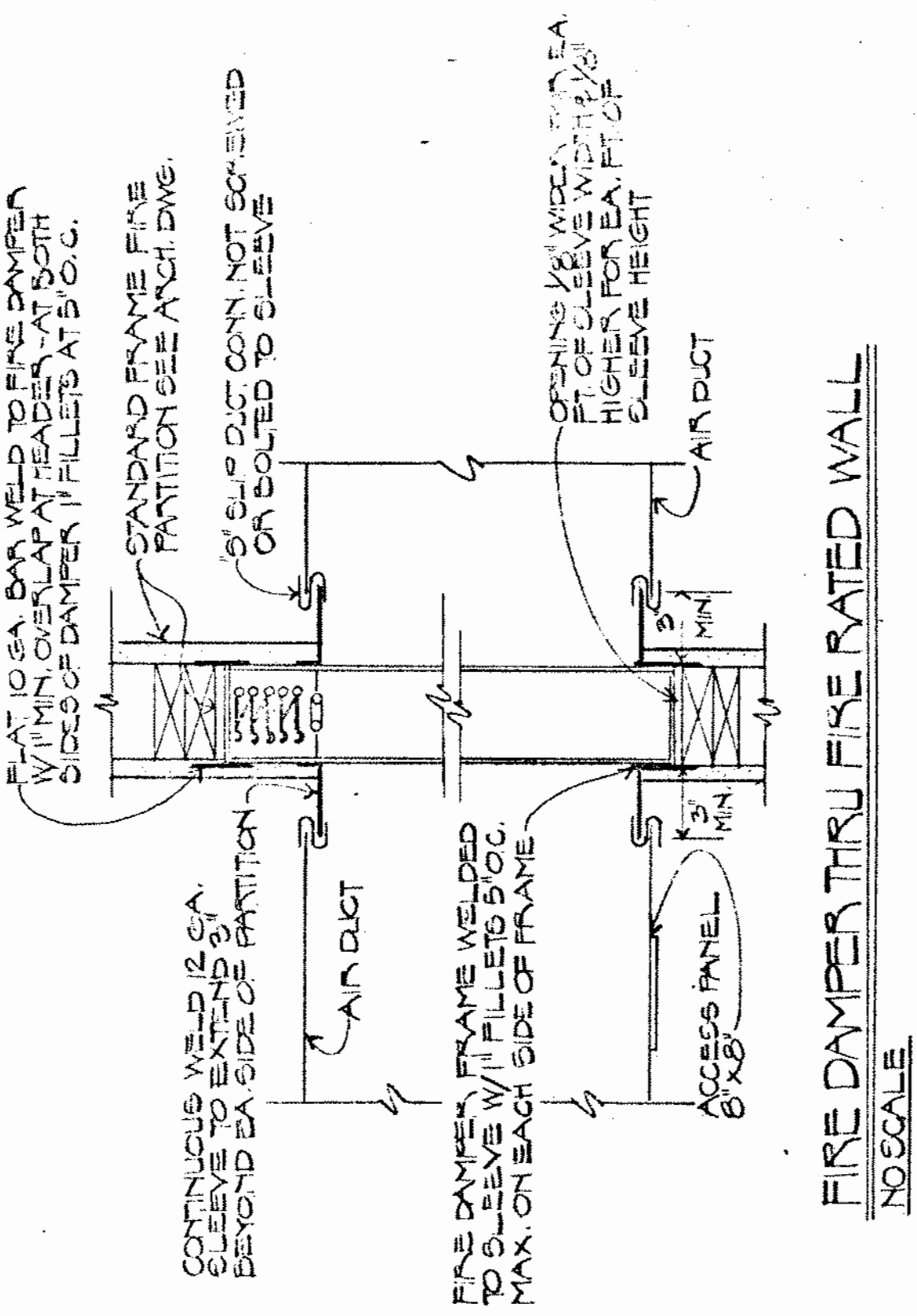


MANUAL AIR VENT DETAIL

NO SCALE

SECTION 38 - MECHANICAL

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL 14 M5



FIRE DAMPER THRU FIRE RATED WALL

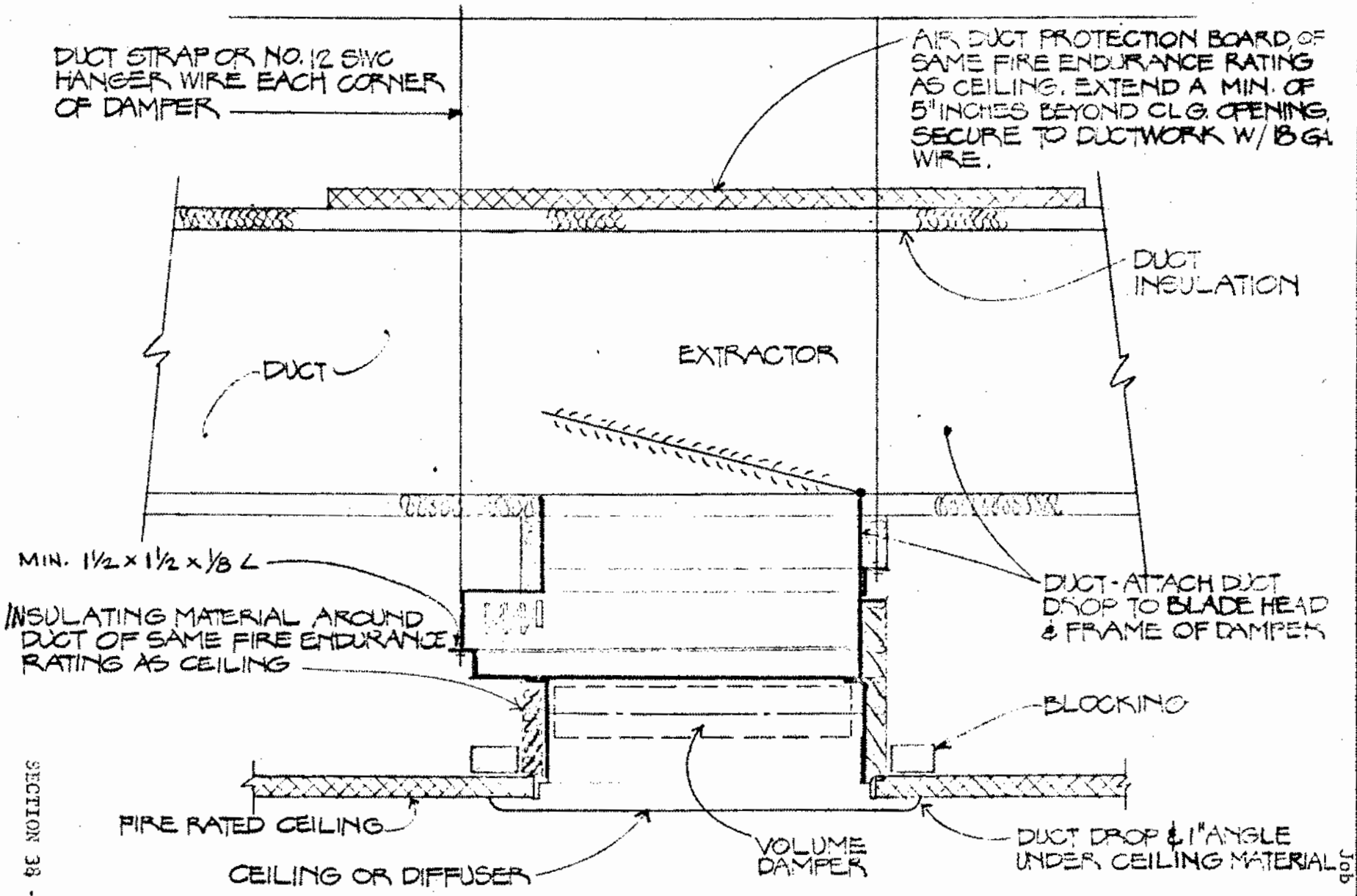
NO SCALE

SECTION 38 - MECHANICAL

BENTLEY ENGINEERS INC.	GROUP	DETAIL
SOLANO COUNTY JR COLLEGE	D 12	15 M5
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	JOB	PAGE 205

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12 | DETAIL



CEILING APPLICATION

FIRE DAMPER DETAIL

SECTION 38 - MECHANICAL

Job No. 67-1-R

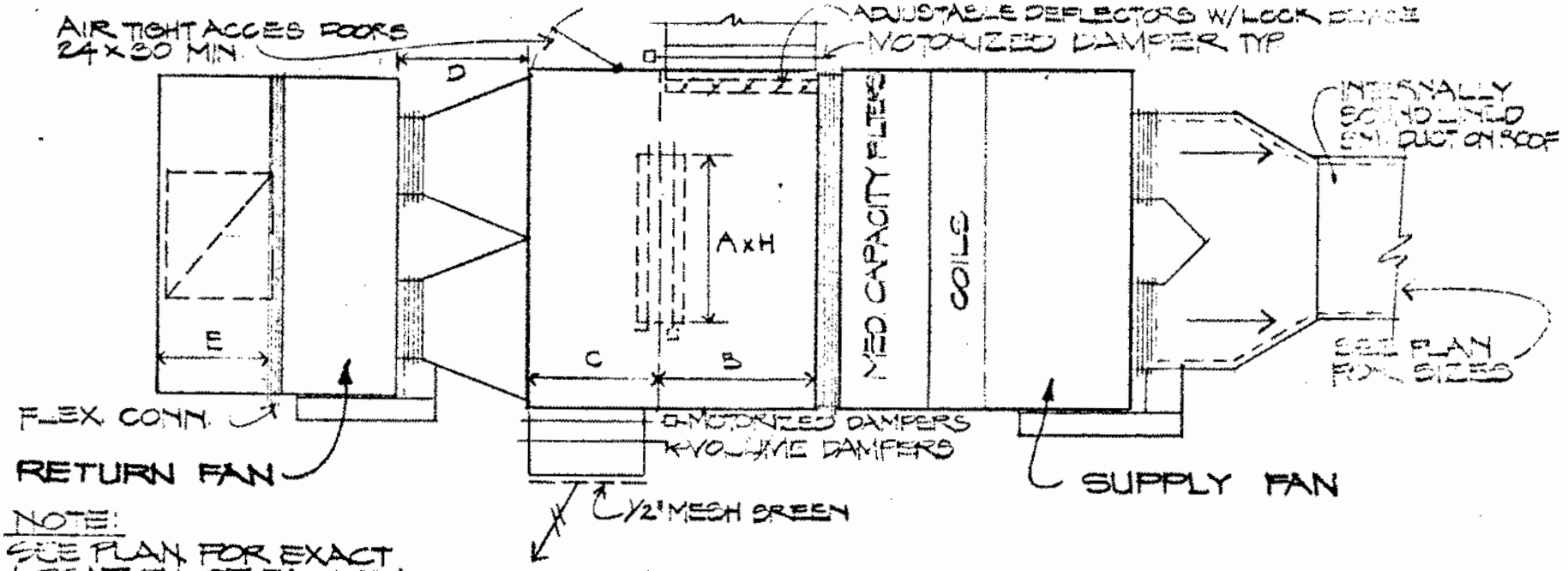
FLEXIBLE COLLECTOR SECTION A

WELDING FUME COLLECTOR DETAIL
NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DEEP W. JOHNSON, POOLE, & STORM, ARCHITECTS

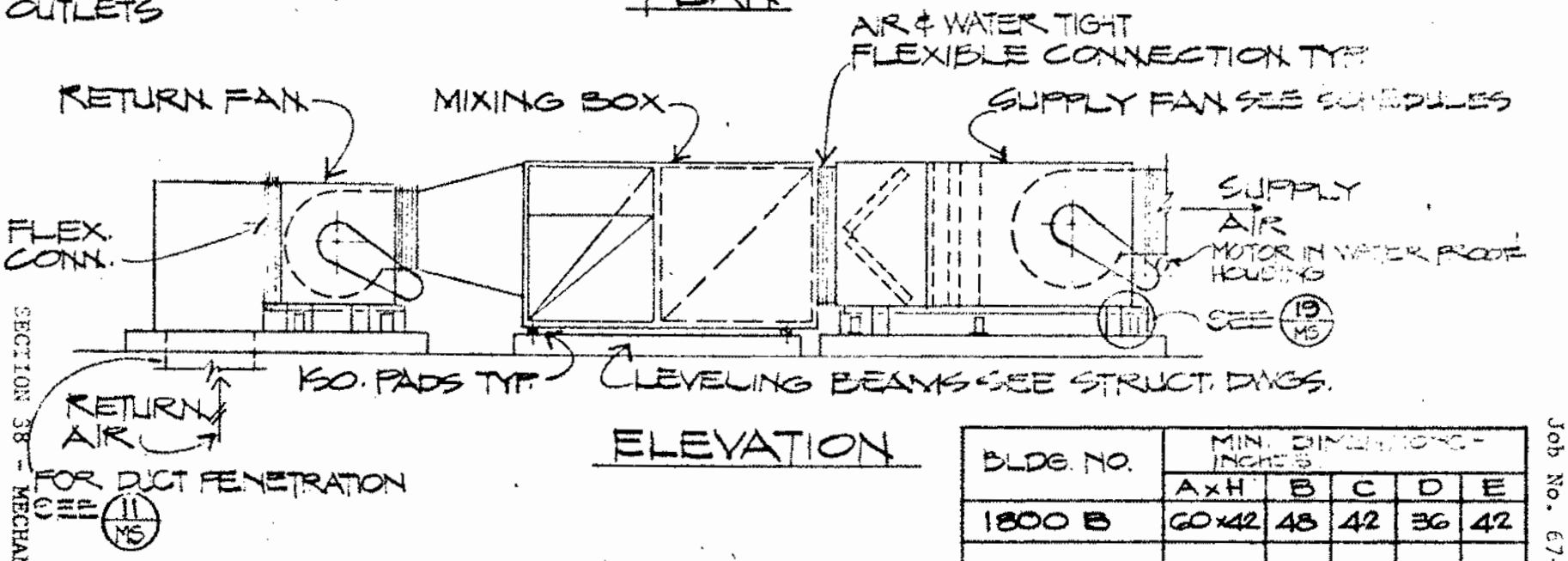
GROUP	DETAIL
D 12	17 / M5

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



NOTE:
SEE PLAN FOR EXACT LOCATION OF FA. & EA. OUTLETS

PLAN



ELEVATION

BLDG. NO.	MIN. DIMENSIONS - INCHES				
	AxH	B	C	D	E
1800 B	60x42	48	42	36	42

Job No. 67-1-R

GROUP D 12

DETAIL 15/MS

JOB

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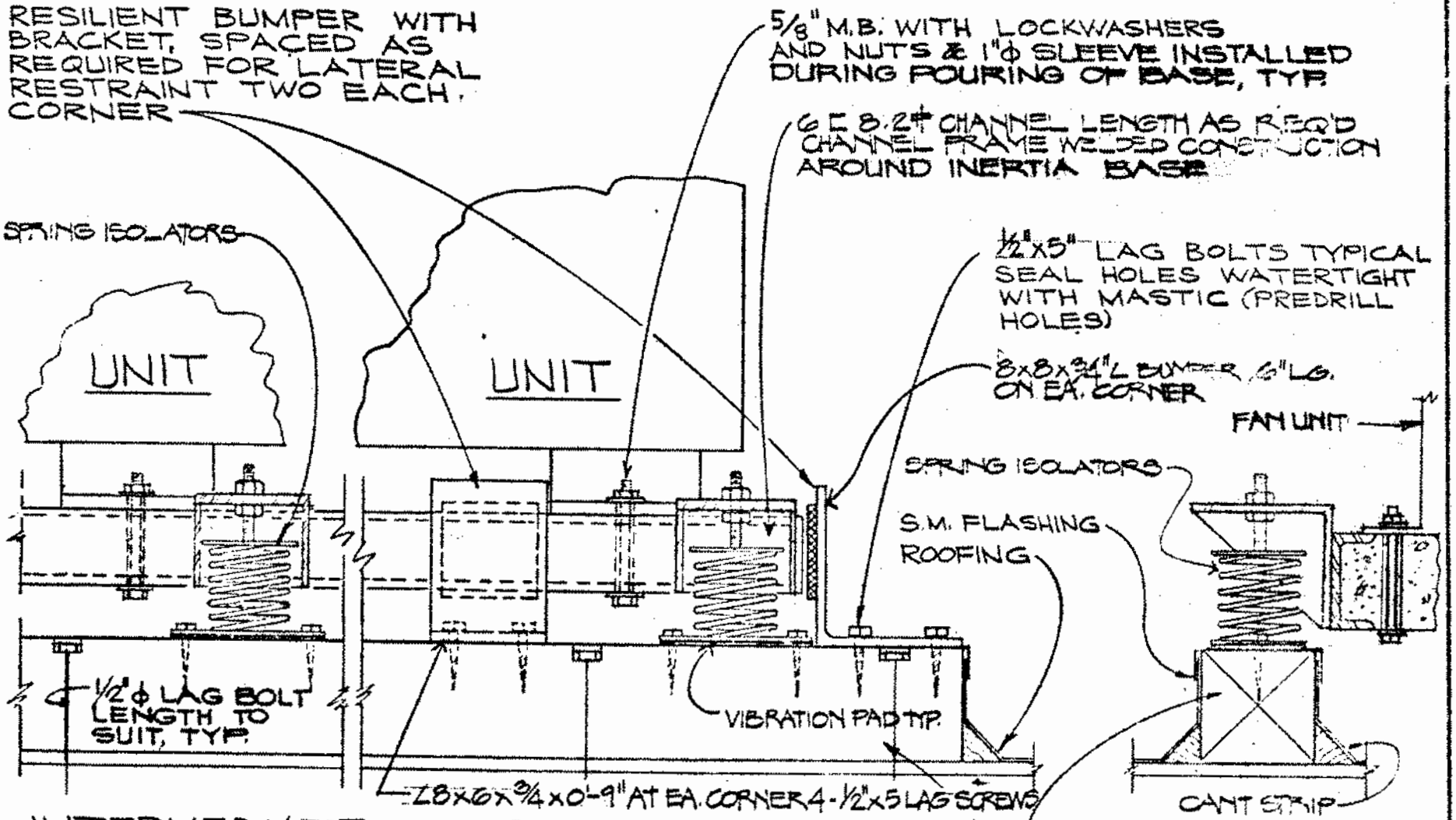
BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



NOTE:
S-1 & R-1 WILL HAVE INERTIA BASE.
HV-1 & HV-2 WILL NOT HAVE INERTIA BASE.

FAN MOUNTING DETAILS

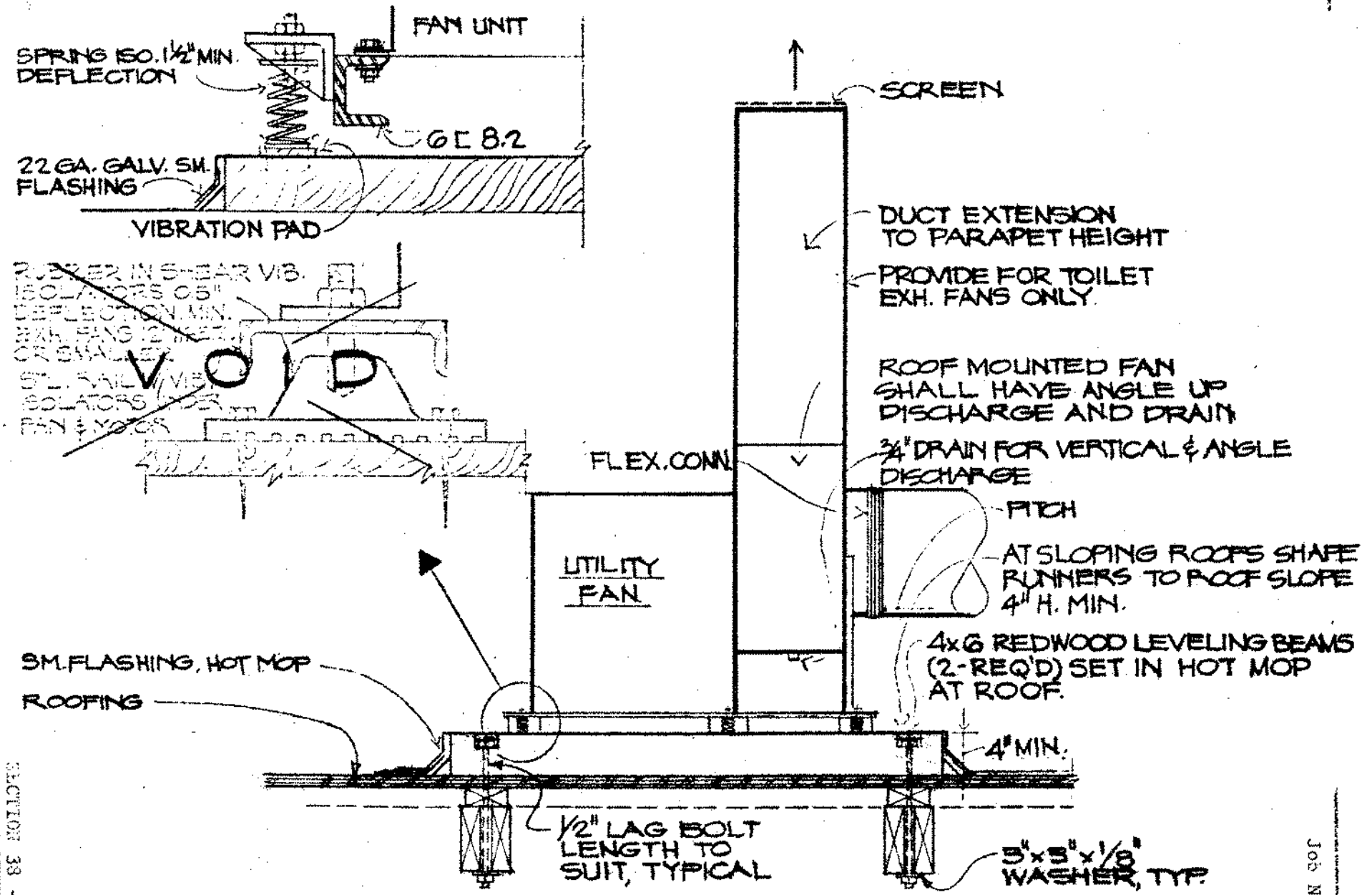
NO SCALE

GROUP D 12
DETAIL 12/M5

SEC. 38 - MECHANICAL

Job No. 67-1-R

JOB
PAGE 209



UTILITY FAN MOUNTING DETAIL

NO SCALE

BENTLEY ENGINEERING INC.
SOLANO COUNTY JR. COLLEGE
HELP W. JOHNSON, POOLE & SOORE, ARCHITECTS

SECTION 33 - MECHANICAL

GROUP D 12

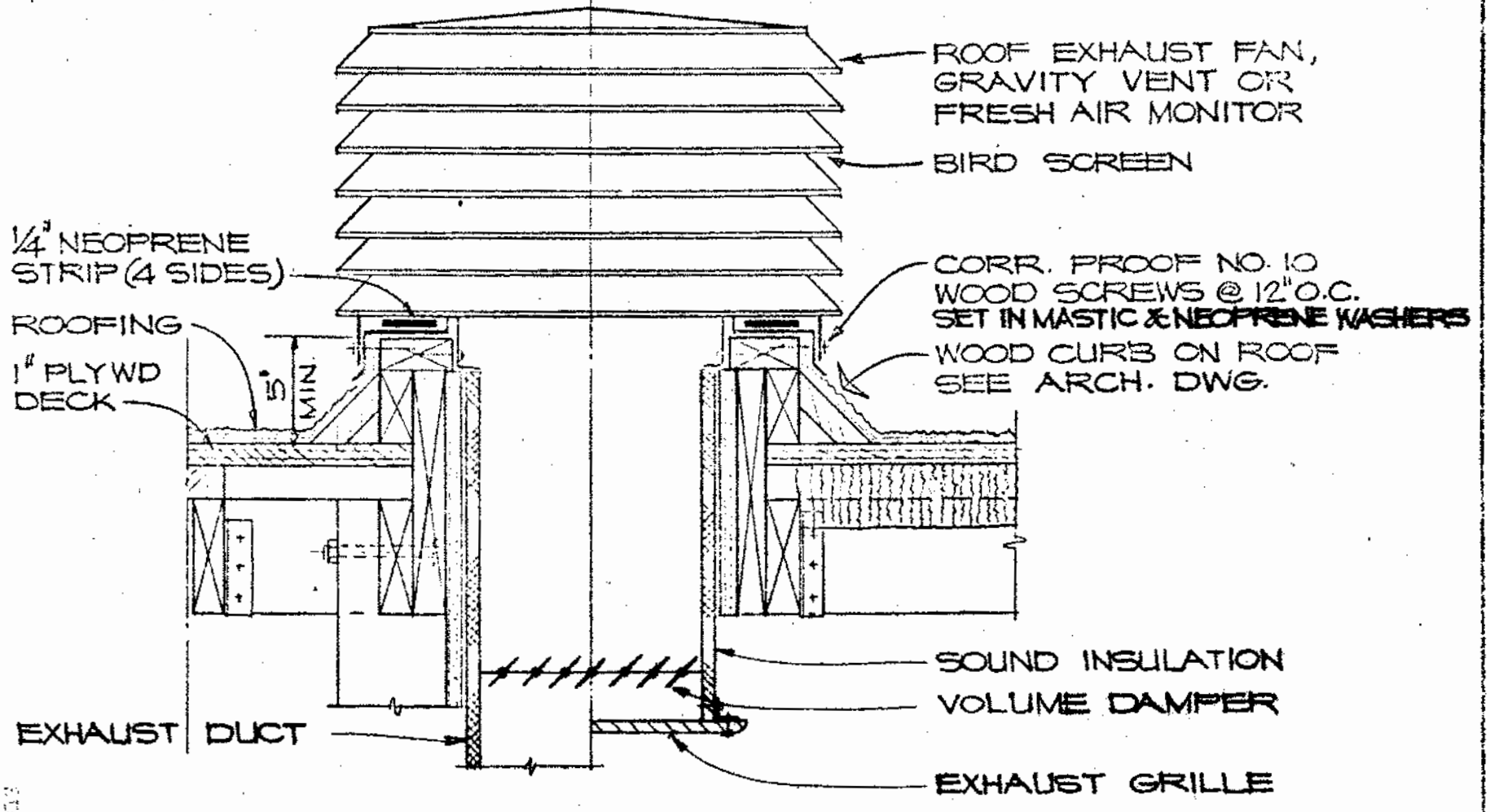
DETAIL 8 MS

Job No. 67-1-R

JOB

PAGE 210

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS



ROOF EXHAUST FAN DETAIL

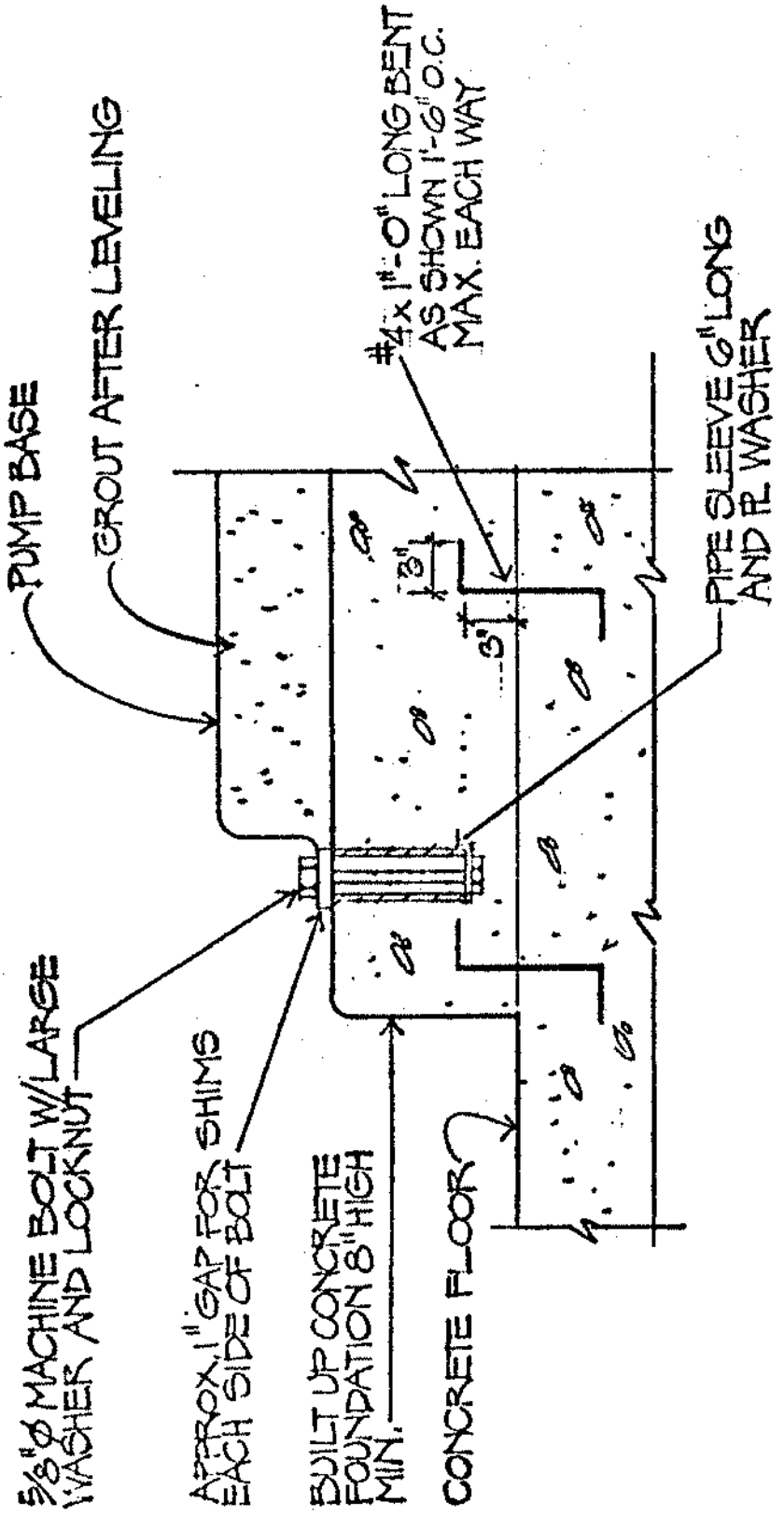
NO SCALE

GROUP 5 12 | DETAIL (21) MS

Job No. 67-1-

J03

21

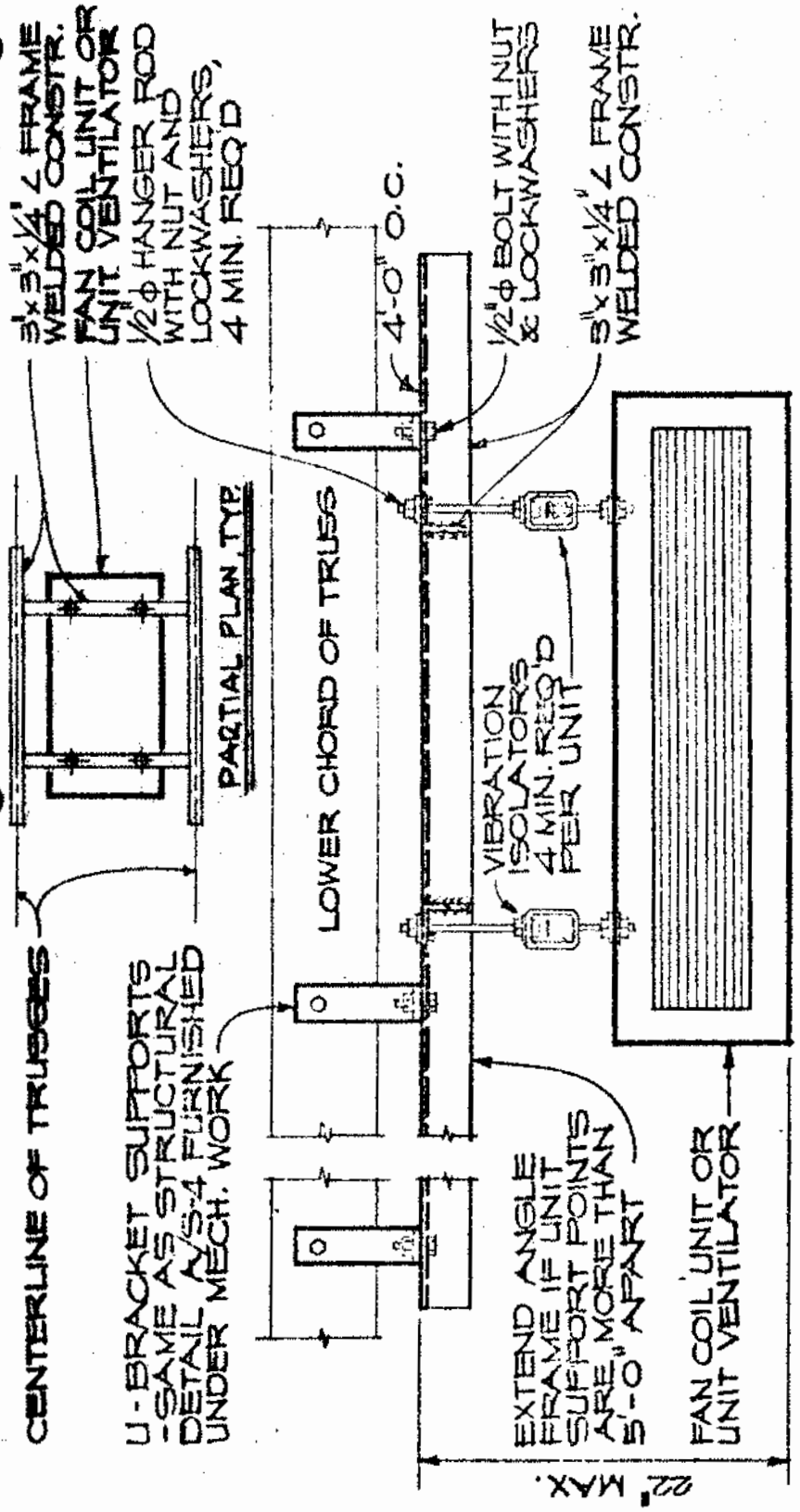


PUMP MOUNTING DETAIL

NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

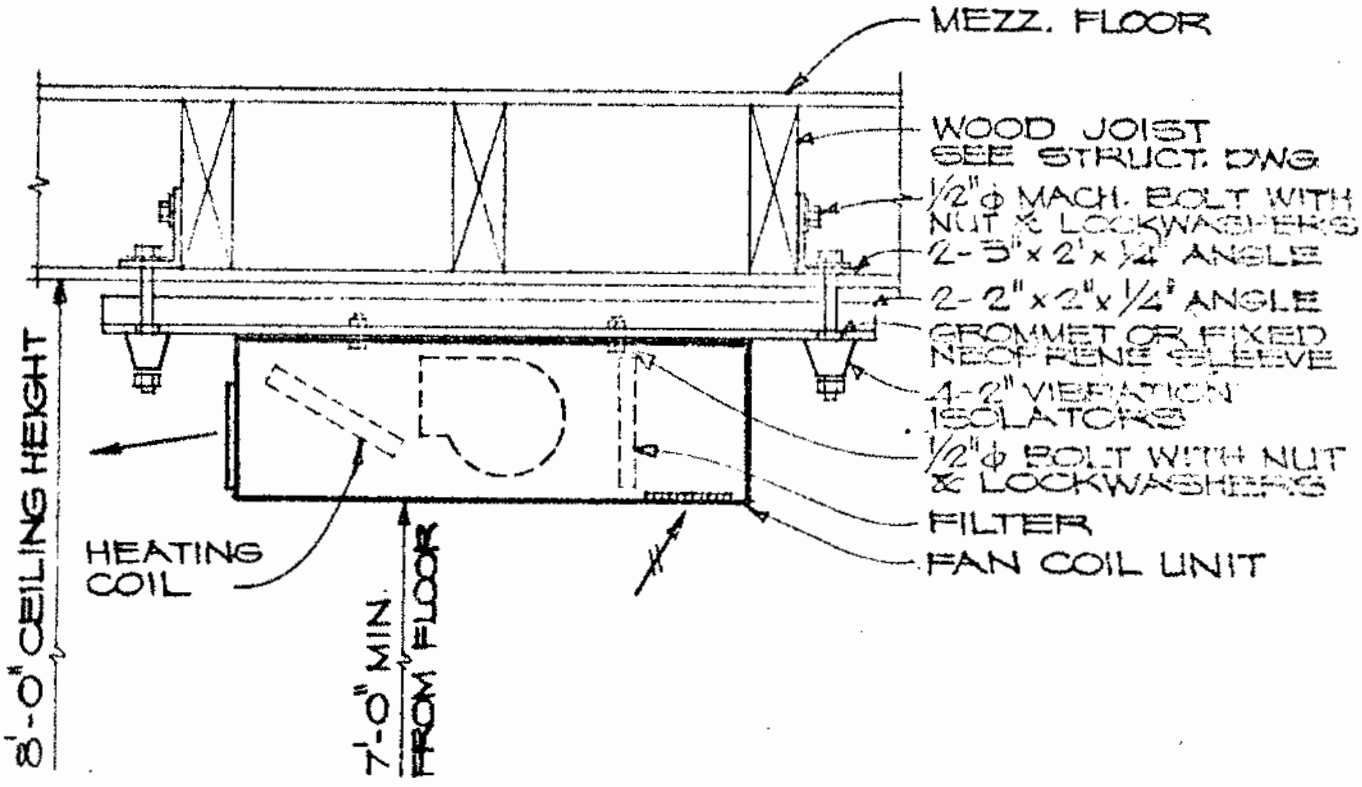
GROUP	DETAIL
D 12	22 M/S



EQUIPMENT HANGER DETAIL

NO SCALE

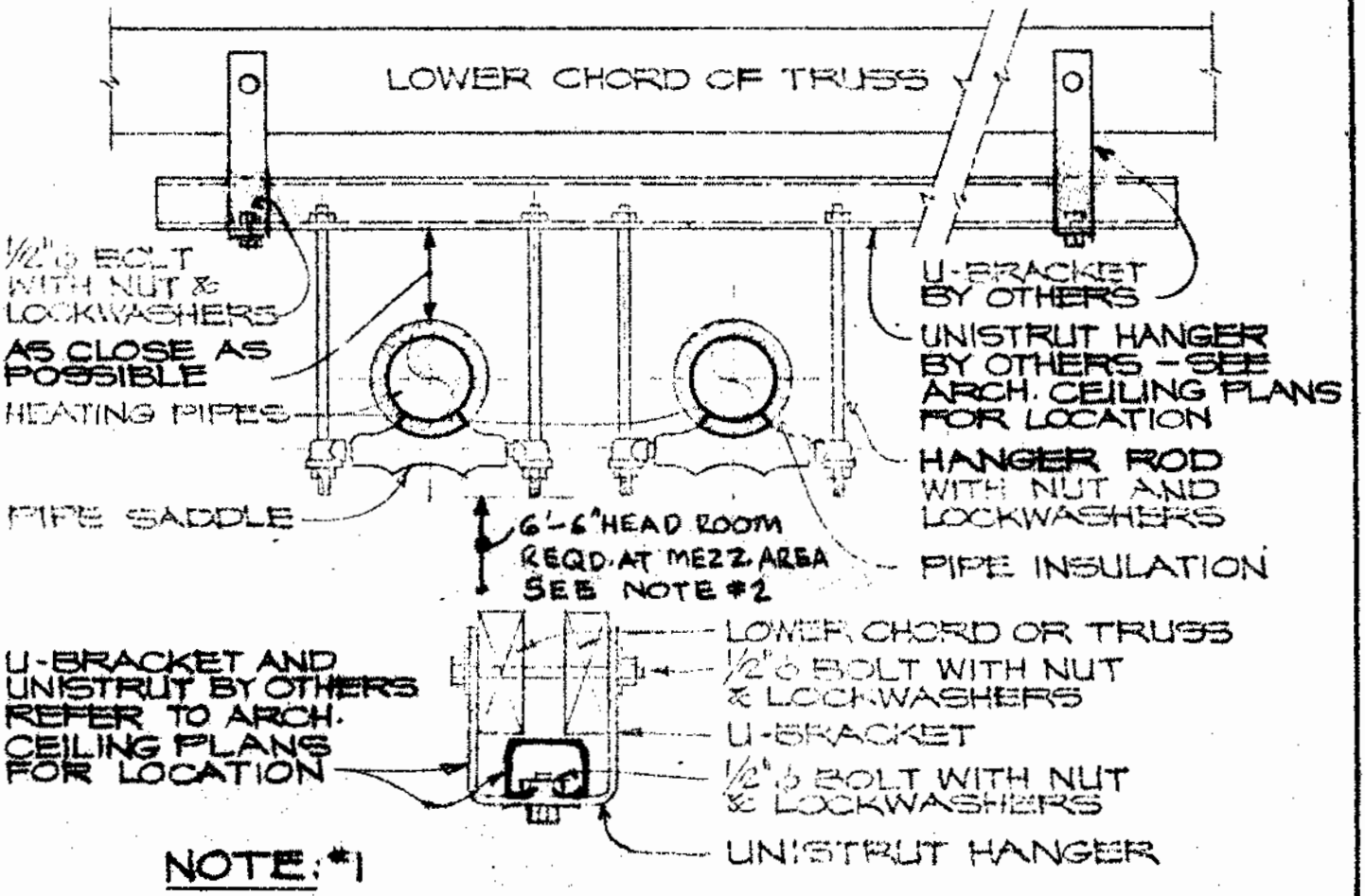
BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL 23 MS 213



FAN COIL UNIT HANGER DETAIL

NO SCALE

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 12	DETAIL 25 MS



NOTE: *1

ANY OTHER REQUIRED SUPPORTS NOT SHOWN ON CEILING PLANS SHALL BE INCLUDED IN THIS WORK.

PIPE HANGER DETAIL

NO SCALE

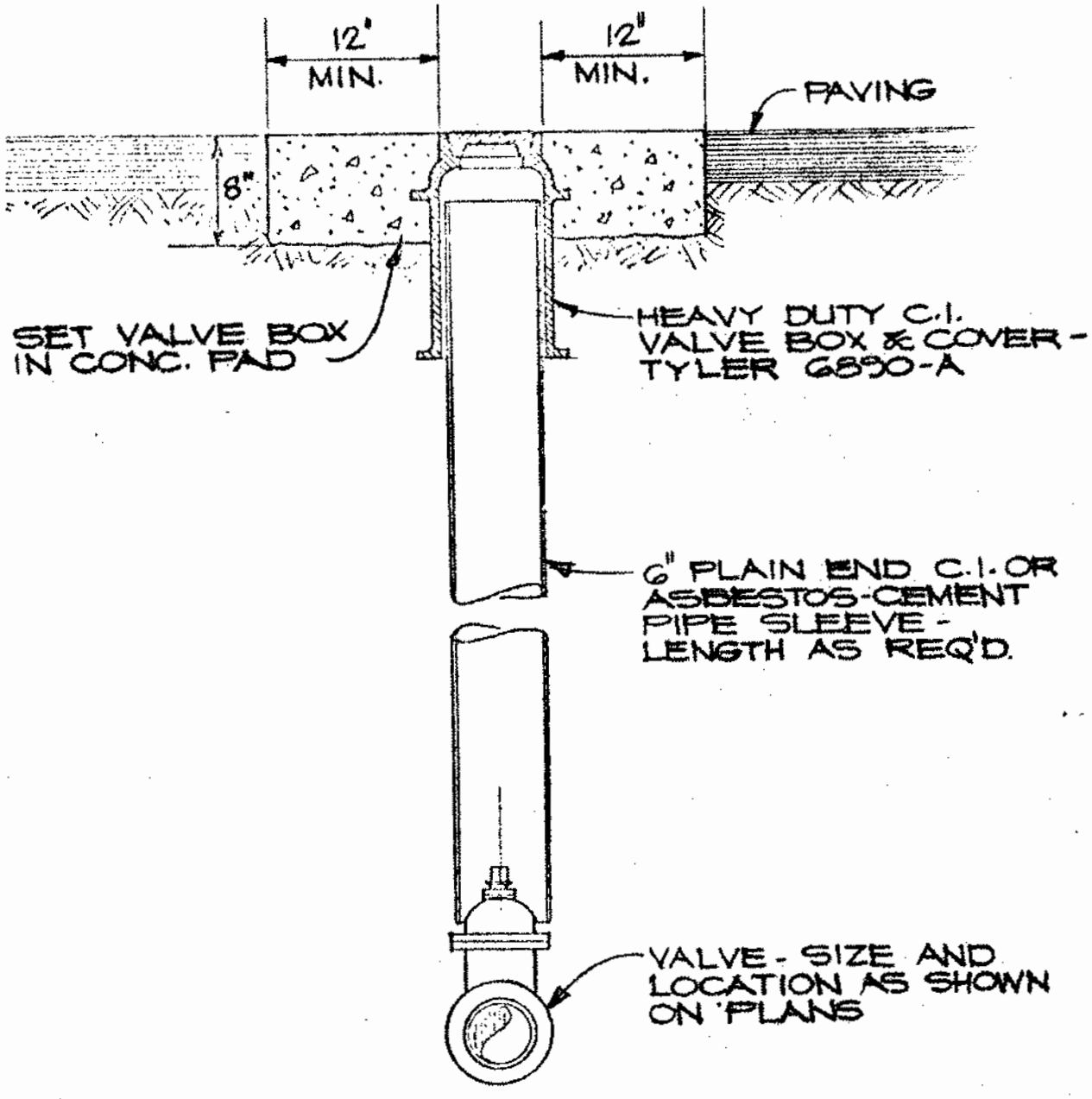
FOR BLDG. 1800A ONLY

NOTE #2. SPACE HANGERS TO OCCUR AT WALLS OR AT EDGE OF MEZZANINE. PROVIDE NECESSARY PADDING AT HANGERS IF HEAD ROOM IS LESS THAN 6'-6".

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

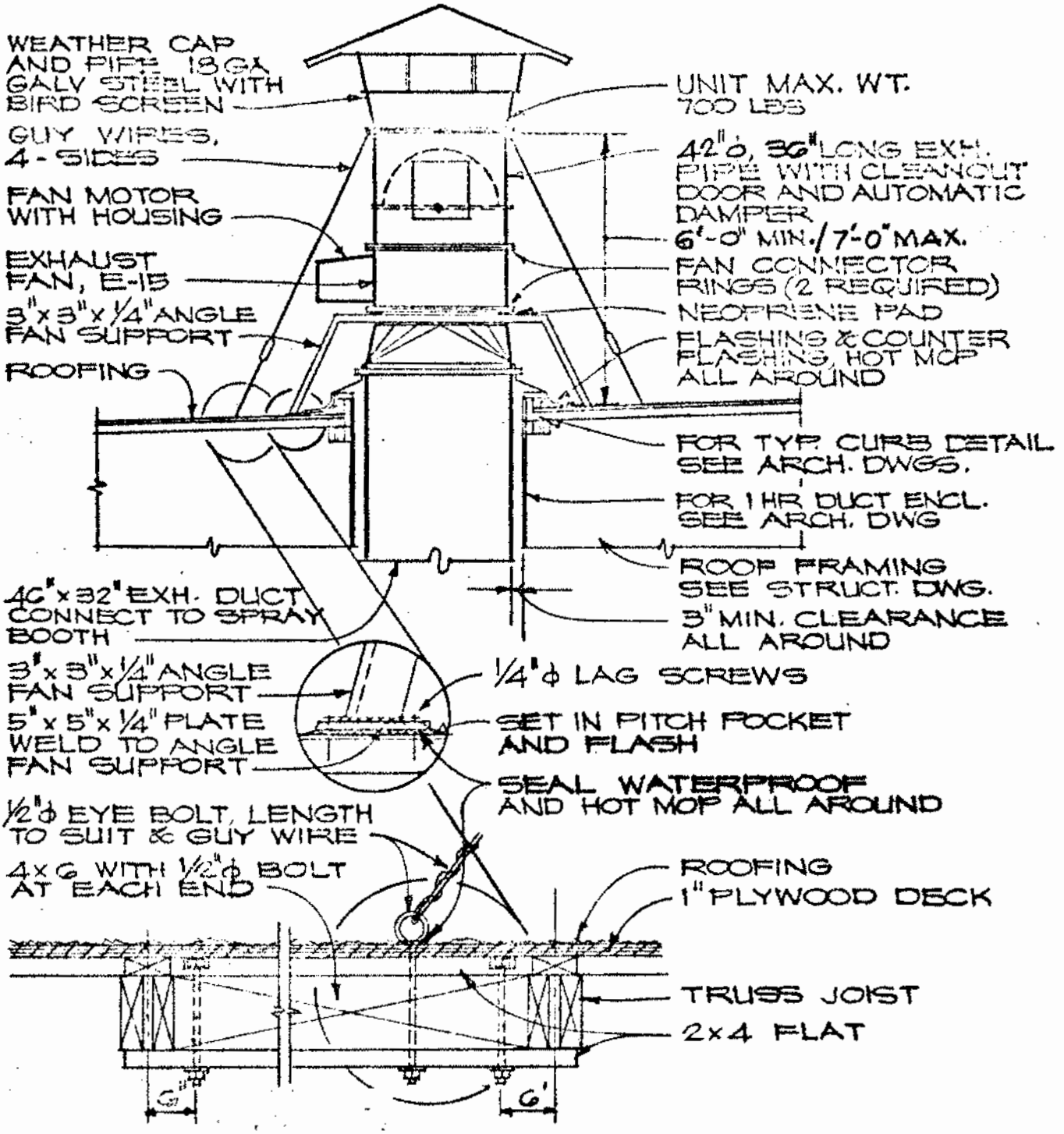
DETAIL 24/M5



HEAVY DUTY C.I. VALVE BOX INSTALLATION DETAIL NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DEEP W. JOHNSON, POOLE, & [illegible], ARCHITECTS

GROUP	DETAIL
D 12	26 MS

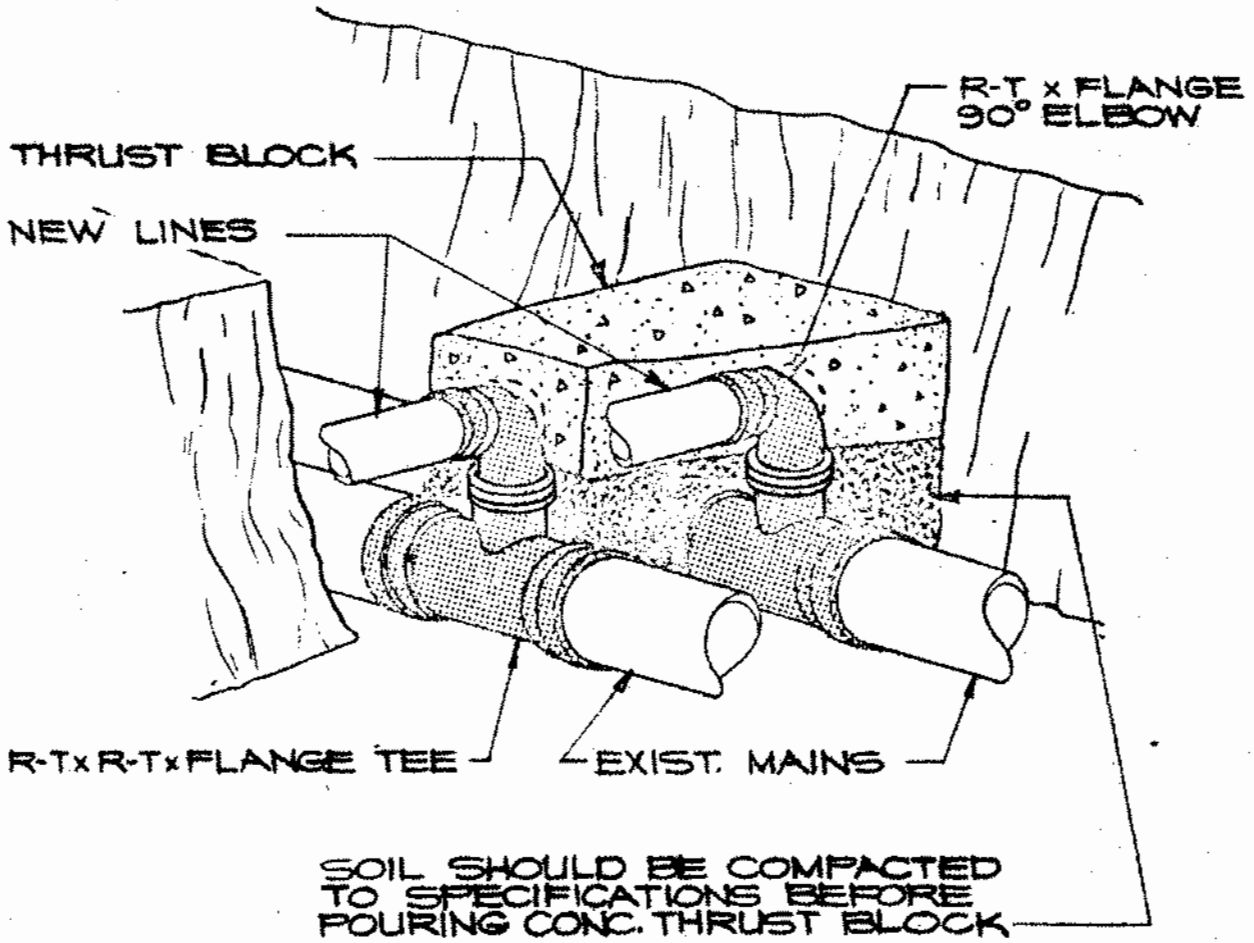


NOTE ! WEATHER CAP, CLEAN OUT SECTION, FAN AND OTHER ACCESSORIES ARE TO BE 'DEVILBISS'.

SPRAY BOOTH EXHAUST DETAIL

NO SCALE

BENTLEY ENGINEERS INC. SOLANO COUNTY JR COLLEGE DELP W. JOHNSON, POOLE, & STORRA, ARCHITECTS	GROUP D 12	DETAIL 27 MS 217
JOB		PAGE

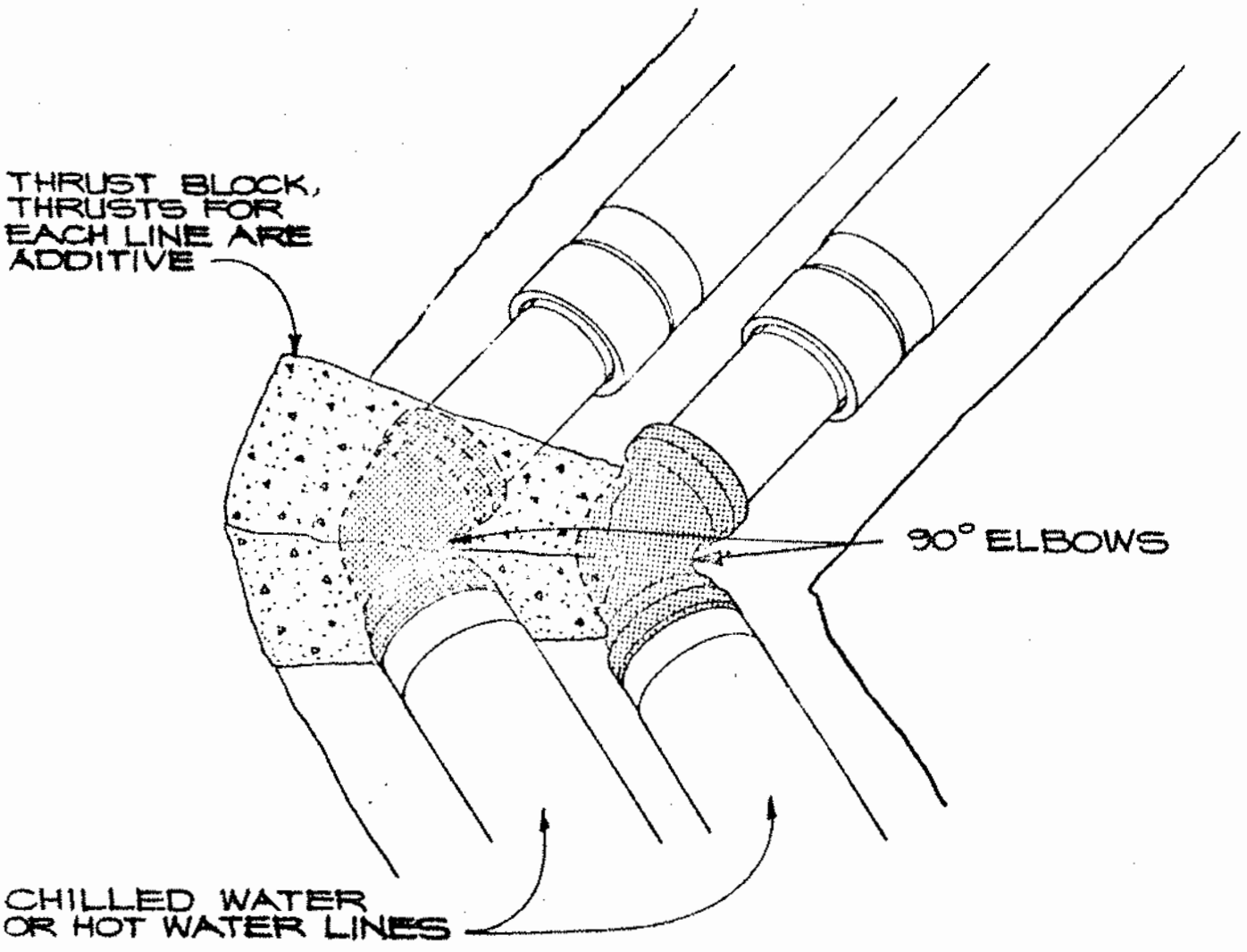


BRANCH CONN. AT EXIST. MAINS

NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 12	25 MS



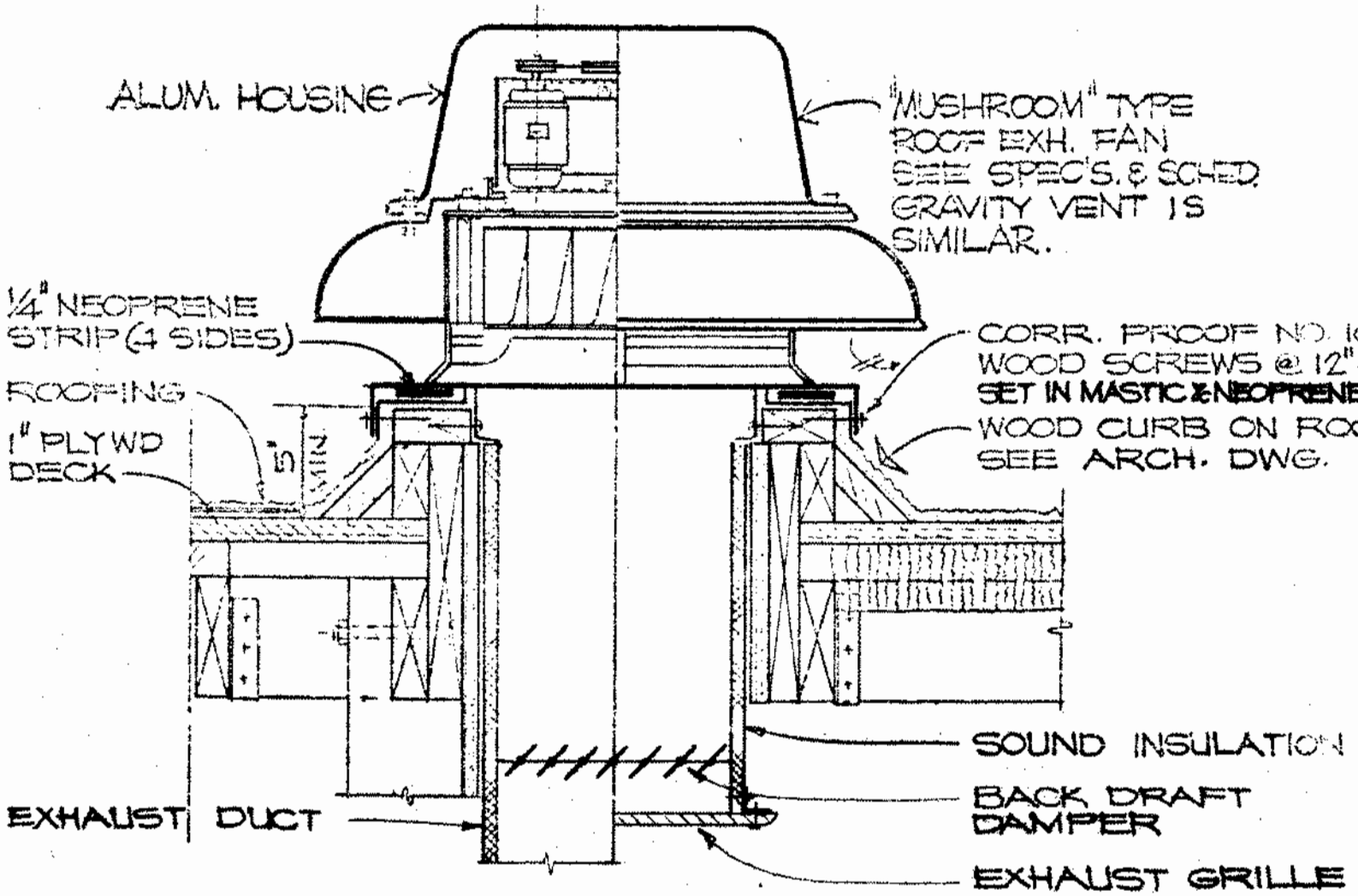
TYP. THRUST BLOCK DETAIL

NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE
DELP W. JOHNSON, POOLE, & STORIE, ARCHITECTS

GROUP D 12

DETAIL 29 MS



ROOF EXHAUST FAN DETAIL

NO SCALE

BENTLEY ENGINEERING INC.
SOLANO COUNTY JR. COLLEGE

SECTION 38 - MECHANICAL

Job No. 61-18

GROUP 3 | 12

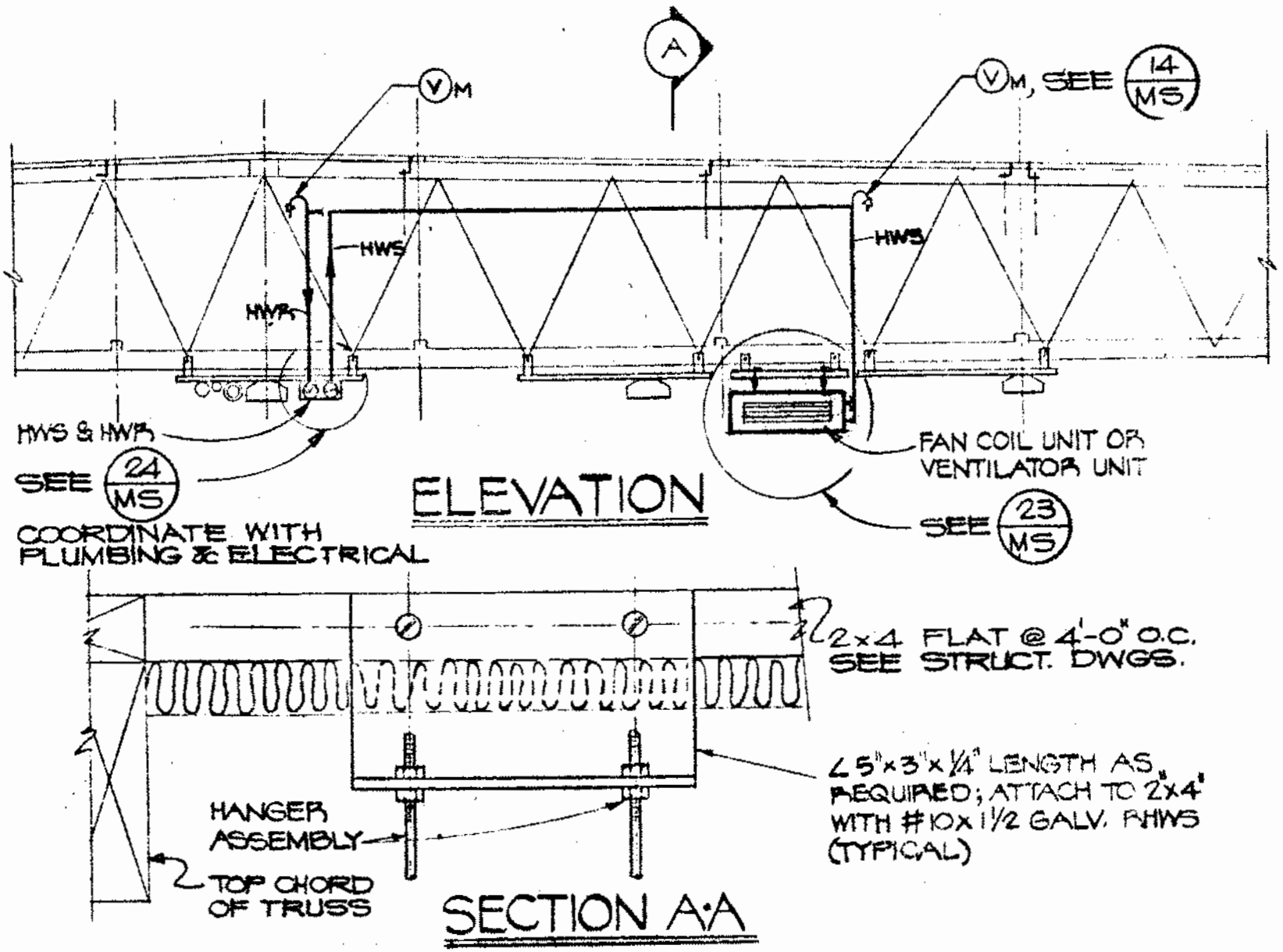
DETAIL 30

MS 220

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12.

DETAIL 31/MS



TYP. BRANCH PIPING HANGING DETAIL

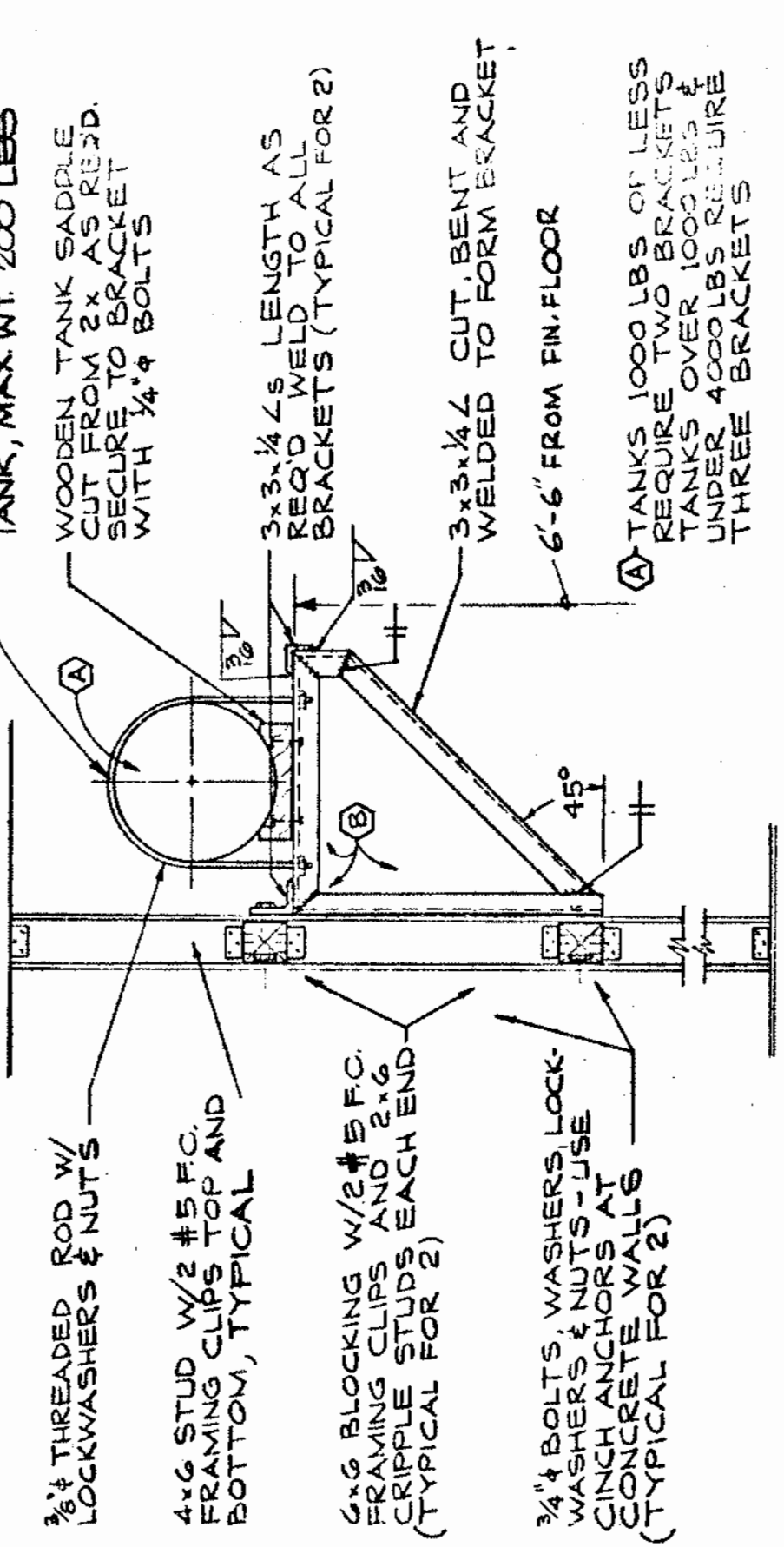
NO SCALE

SECTION 38 - MECHANICAL

Job No. 67-1-

PNEUMATIC TANK MOUNTING DETAIL

NO SCALE

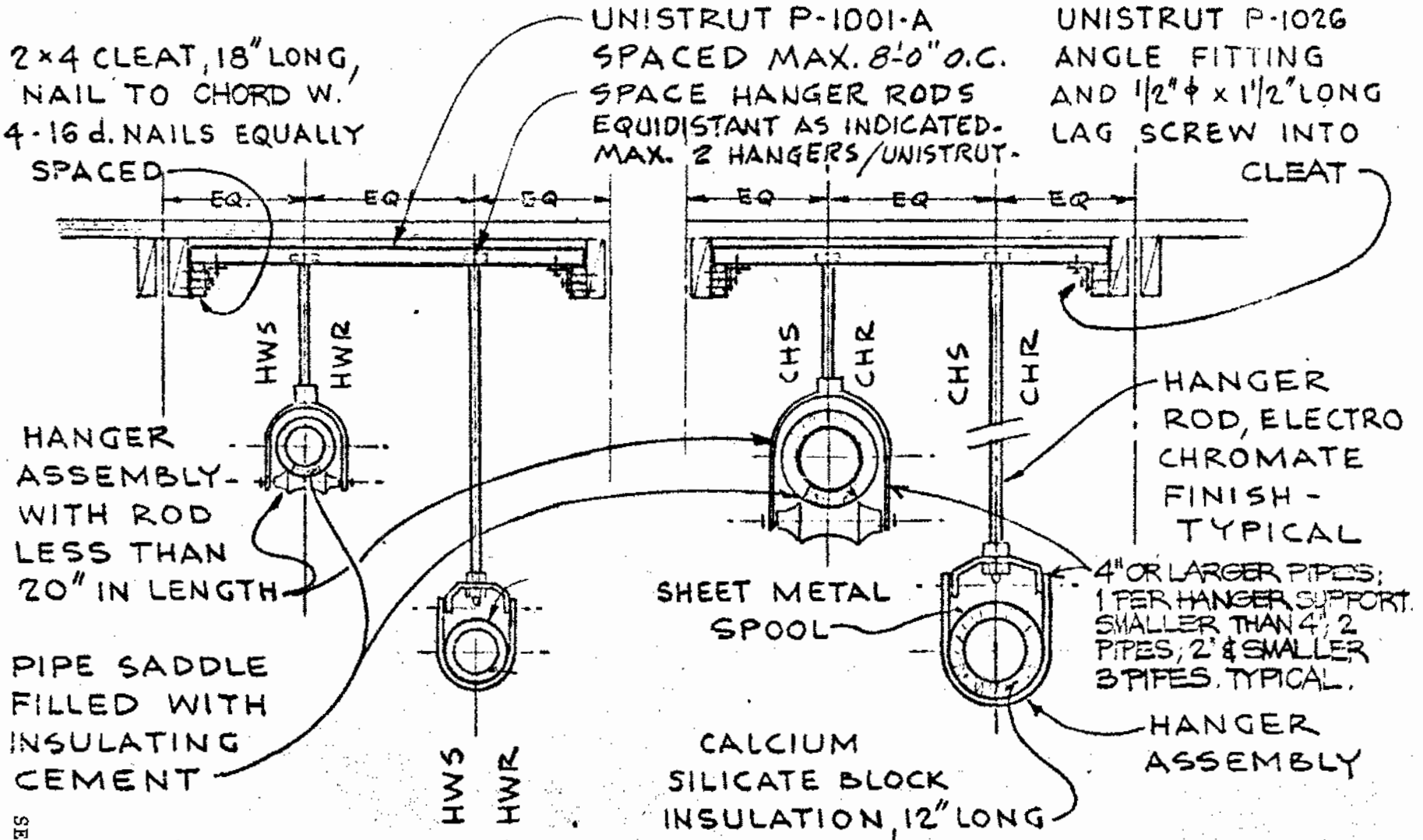


BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12

DETAIL 32/M5

NOTE: UNISTRUTS, 2×4 CLEATS, ANGLES, SCREWS, NAILS ETC. FURNISHED AND INSTALLED AS MECHANICAL WORK.



NOTE: MAINTAIN 6" CLEAR BETWEEN END OF 2×4 CLEAT & TRUSS JOIST PANEL POINT PIN CONNECTION.

MAIN PIPES HANGER DETAILS BLDG. 1800B

NO SCALE

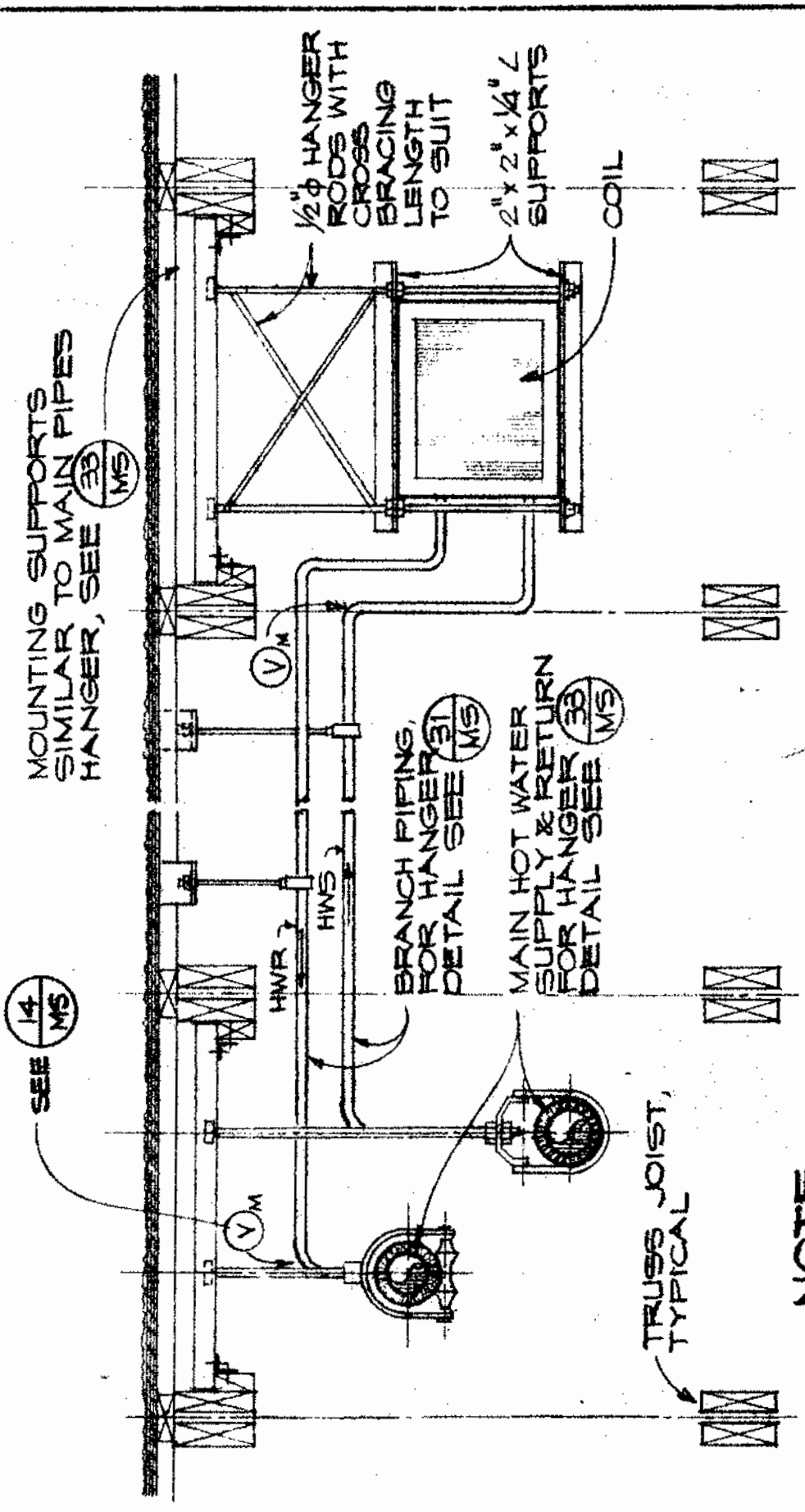
BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D 12.

DETAIL 25 M5 213

SEC. 38 MECHANICAL

Job No. 67-1-R



NOTE:
ALL VALVES ARE TO BE READILY ACCESSIBLE (MAX. 3'-0" ABOVE CEILING) THRU CEILING ACCESS.

COIL SUPPORT DETAIL

NO SCALE

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR COLLEGE
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D 12	34/MS

277/480V 3Ø 4W
1200 AMP BUS

PANEL 18 DLA

NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	PANEL 18 LA	3	HKA	100	2"	4#2	
2	PANEL 18 LE	3	HKA	100	2"	4#2	
3	SPACE	3	HKA				
4	SPACE	3	HKA				
5	TRANSFORMER 18 TA	3	HKA	225	2-1/2"	3 #4/0	PRIMARY
					2-3"	4 #300 MCM EA.	SECONDARY
6	SPACE	3	HKA			—	
7	PANEL 18 DLB	3	NB	1000	3-3½"	3#500 MCM EA.	
M	MAIN BREAKER	3	NB	1200	4-4"	4#400 MCM EA.	NON TRIP

277/480V 3Ø 4W
1000 AMP BUS

PANEL 18 DLB

NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	WATER HEATER #3	3	HFB	20	1/2"	3#12	
2	MOTOR CONTROL CENTER B	3	HFB	100	1¼"	3#2	
3	PANEL 18 LB	3	HFB	100	2"	4#2	
4	PANEL 18 LC	3	HFB	100	2"	4#2	
5	SPACE	3	HFB				
6	SPACE	3	HFB				
7	TRANSFORMER 18 TB	3	JA	125	1½"	3#1	PRIMARY
					3"	4#300 MCM	SECONDARY
8	SPACE	3	JA				
9	PANEL 18 DLC	3	LA	400	3½"	4#500 MCM	
10	BUS DUCT	3	LA	600	BUS DUCT		

277/480V 3Ø 4W
400 AMP BUS

PANEL 18 DLC

NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	ELECT. WATER HEATER #1	3	EHB	90	1½"	3#2	
2	PANEL 18 LD	3	EHB	100	2"	4#2	
3	MOTOR CONTROL CENTER A	3	EHB	100	1½"	3#2	
4	SPACE	3	EHB				
5	SPACE	3	EHB				
6	SPACE	3	EHB				
7	TRANSFORMER 18 TC	3	JA	175	2"	3#2/0	PRIMARY
					3½"	4#500 MCM	SECONDARY
8	SPACE	3	JA				
M	MAIN BREAKER	3	LAB	400	3½"	4#500 MCM	NON TRIP

120/208V 3Ø 4W
600 AMP BUS
FLUSH MOUNTED

PANEL 18 DRA

NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	PANEL 18 RB	3	JA	150	2"	4 #1/0	
2	PANEL 18 RC	3	JA	150	2"	4 #1/0	
3	PANEL 18 RD	3	JA	150	2"	4 #1/10	
4	PANEL 18 RK	3	JA	150	2"	4 #1/0	
5	PANEL 18 RA	3	JA	150	3"	4 #4/0	
6	SPACE	3					
7	SPACE	3	JA				
8	SPACE	3	JA				

120/208V 3Ø 4W
400 AMP BUS

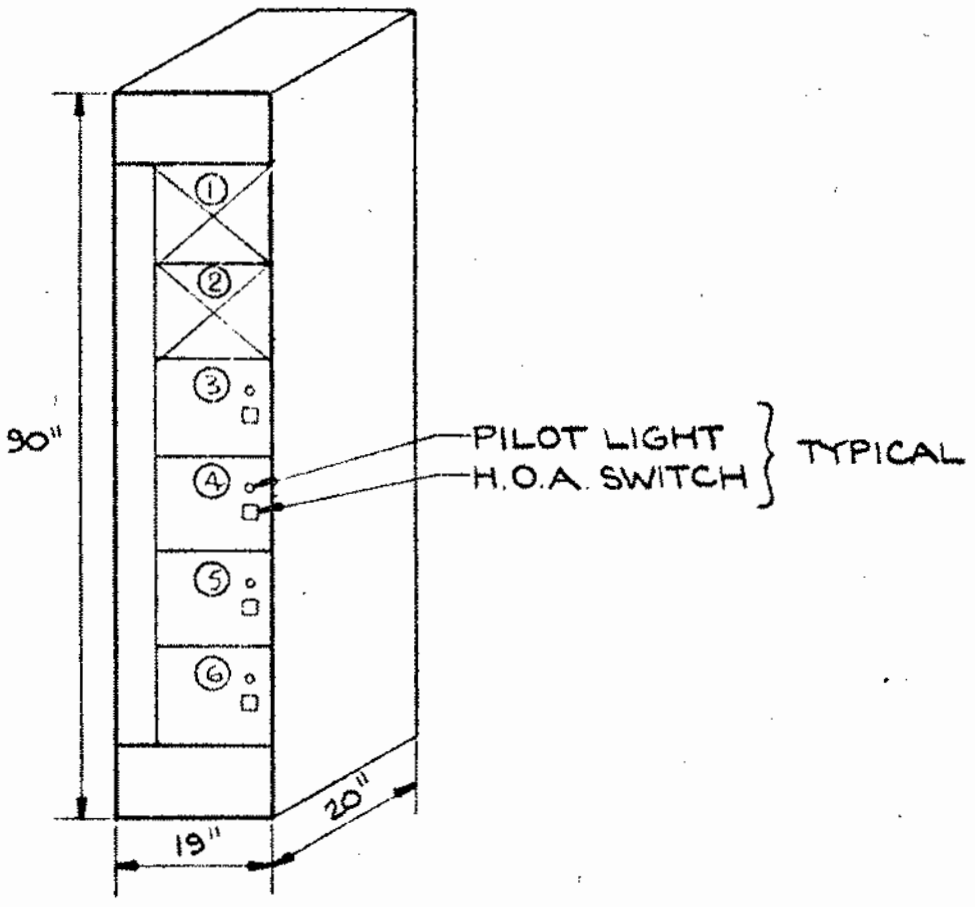
PANEL 18 DRB

NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	NIGHT LIGHTING	1	EB	20			SEE PLANS
2	NIGHT LIGHTING	1	EB	20			SEE PLANS
3	NIGHT LIGHTING	1	EB	20			SEE PLANS
4	TIME SWITCH	1	EB	20			SEE PLANS
5	RECEPTACLE	1	EB	20			SEE PLANS
6	CLOCK RECTIFIER	1	EB	20			SEE PLANS
7	F. A. PANEL	2	EB	20	1/2"	3 #12	
8	SPACE	2	EB				
9	PANEL 18 RF	3	JA	150	2"	4 #1/0	
10	PANEL 18 RG	3	JA	150	2"	4 #1/0	
11	PANEL 18 RE	3	JA	150	2"	4 #1/0	
12	SPACE	3	JA				
13	SPACE	3	JA		2"	4#1	
14	SPACE	3					

120/208V 3Ø 4W
400 AMP BUS

PANEL 18 DRC

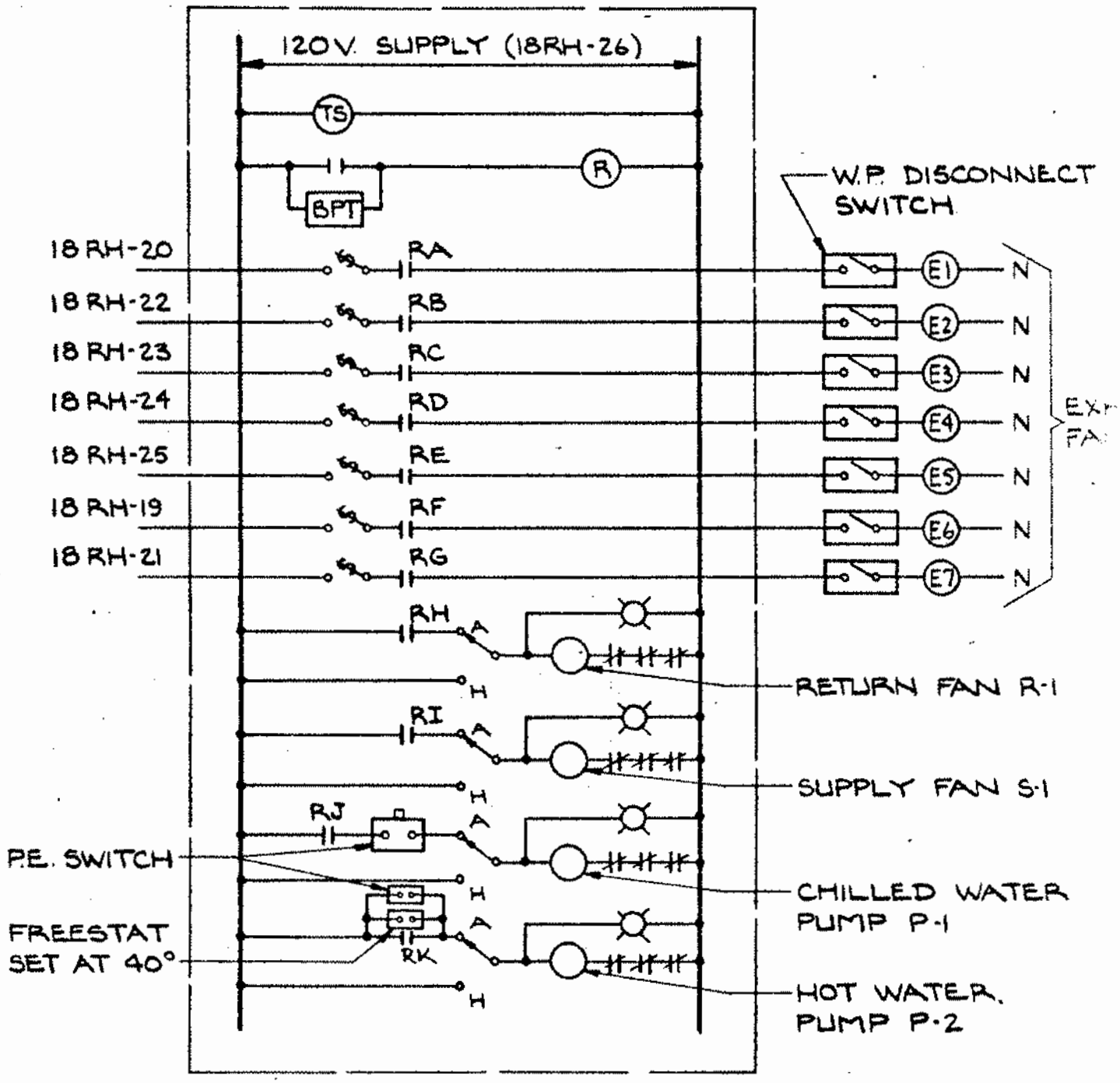
NO.	NAMEPLATE	CIRC. BREAKER POLE	FR.	TRIP	FEEDER COND.	FEEDER WIRES	REMARKS
1	PANEL 18 RH	3	EB	100	2"	4#2	
2	PANEL 18 RI	3	EB	100	2"	4#2	
3	PANEL 18 RJ	3	EB	100	2"	4#2	
4	PATCH PANEL PP	3	EB	100	2"	4#2	
5	SPACE	3	EB				
6	SPACE	3	EB				
7	SPACE	3	JA				
8	SPACE	3	JA				



MOTOR CONTROL CENTER "A" SCHEDULE

VOLTAGE 480V, 3Ø
BUS. 100A

NO.	NAMEPLATE	H.P.	CIRC. BREAKR.			STRTR SIZE	CONTROL		FEEDER	
			POLE	FR.	TRIP		HOA	PILOT	COND.	WIRE
2	SPACES									
3	HW PUMP P2	1	3	EH	15A	1	X	X	1/2"	3#12
4	CHW PUMP P1	2	3	EH	15A	1	X	X	1/2"	3#12
5	RET. FAN R1	7½	3	EH	30A	1	X	X	1/2"	3#12
6	SUPPLY FAN S1	15	3	EH	40A	2	X	X	3/4"	3#10



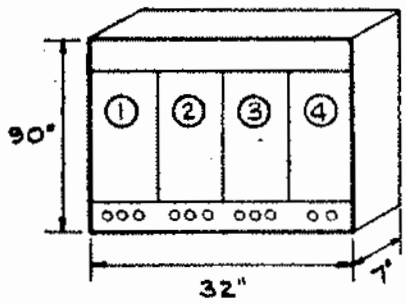
MECH. CONTROL DIAGRAM

BLDG. # 1800 B

NOTE: INSTALL TIME SWITCH, CONTROL RELAYS AND BY-PASS TIMER IN CONTROL COMPARTMENT OF MCCA.

SECTION 39 - ELECTRICAL WORK

BENTLEY ENGINEERS INC. SOLANO COUNTY JR. COLLEGE JOB NO. 71-100 DELP W. JOHNSON, POOLE, & STORN, ARCHITECTS	GROUP D13	DETAIL 5 E.S.



MOTOR CONTROL CENTER "B" SCHEDULE

VOLTAGE 480V, 3Ø
BUS. 100A

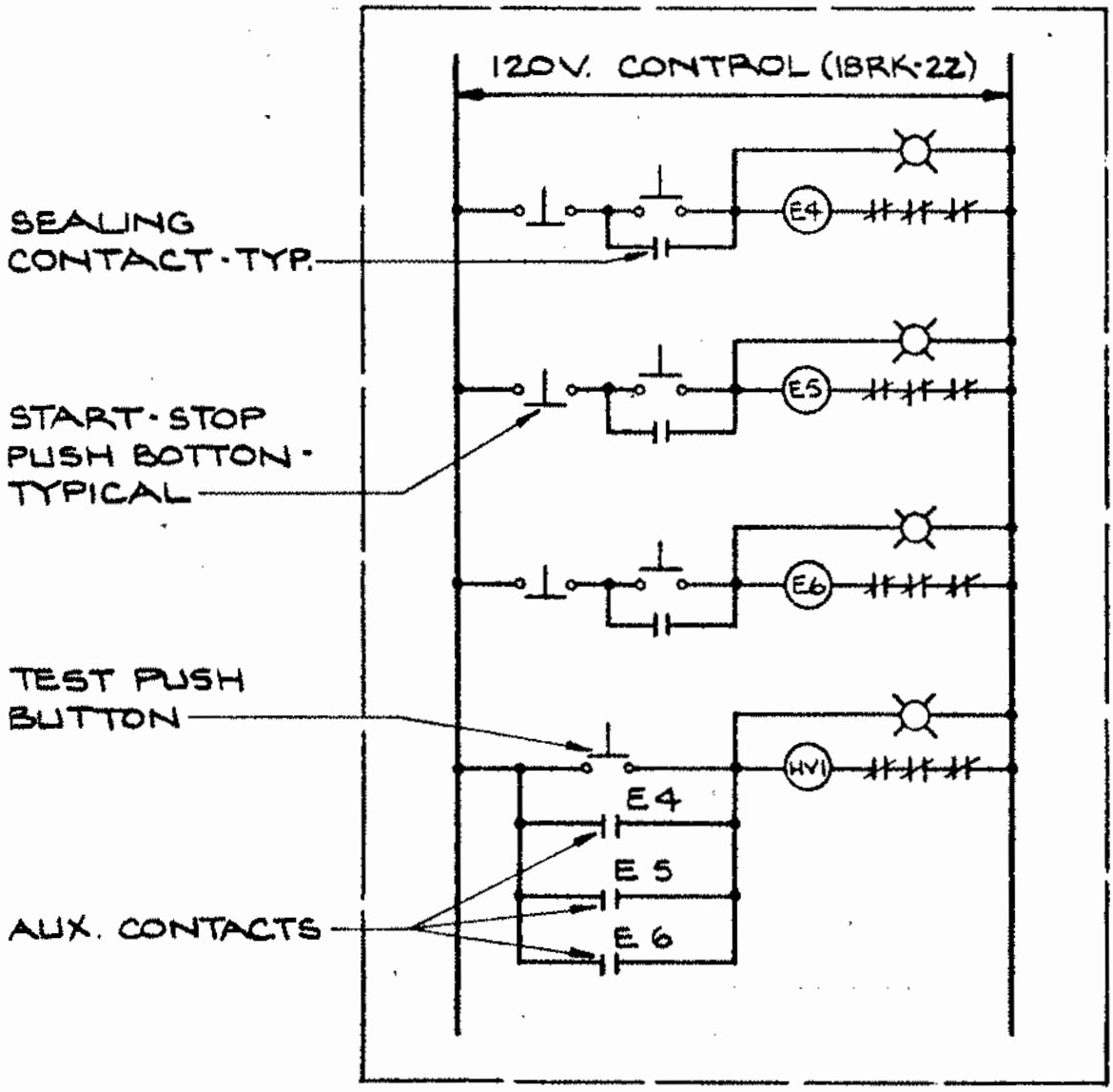
NO.	NAMEPLATE	H.P.	CIRC. BREAKR.			STRTR SIZE	CONTROL		FEEDER	
			POLE	FR.	TRIP		P.B.	PILOT	COND	WIRE
1	EXH. FAN E-4	5	3	EH	20A	1	X	X	1/2"	3#12
2	EXH. FAN E-5	3	3	EH	15A	1	X	X	1/2"	3#12
3	EXH. FAN E-6	5	3	EH	20A	1	X	X	1/2"	3#12
4	HTG. VENT UNIT HV-1	7½	3	EH	30A	1		X	1/2"	3#12

SECTION 39 - ELECTRICAL WORK

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

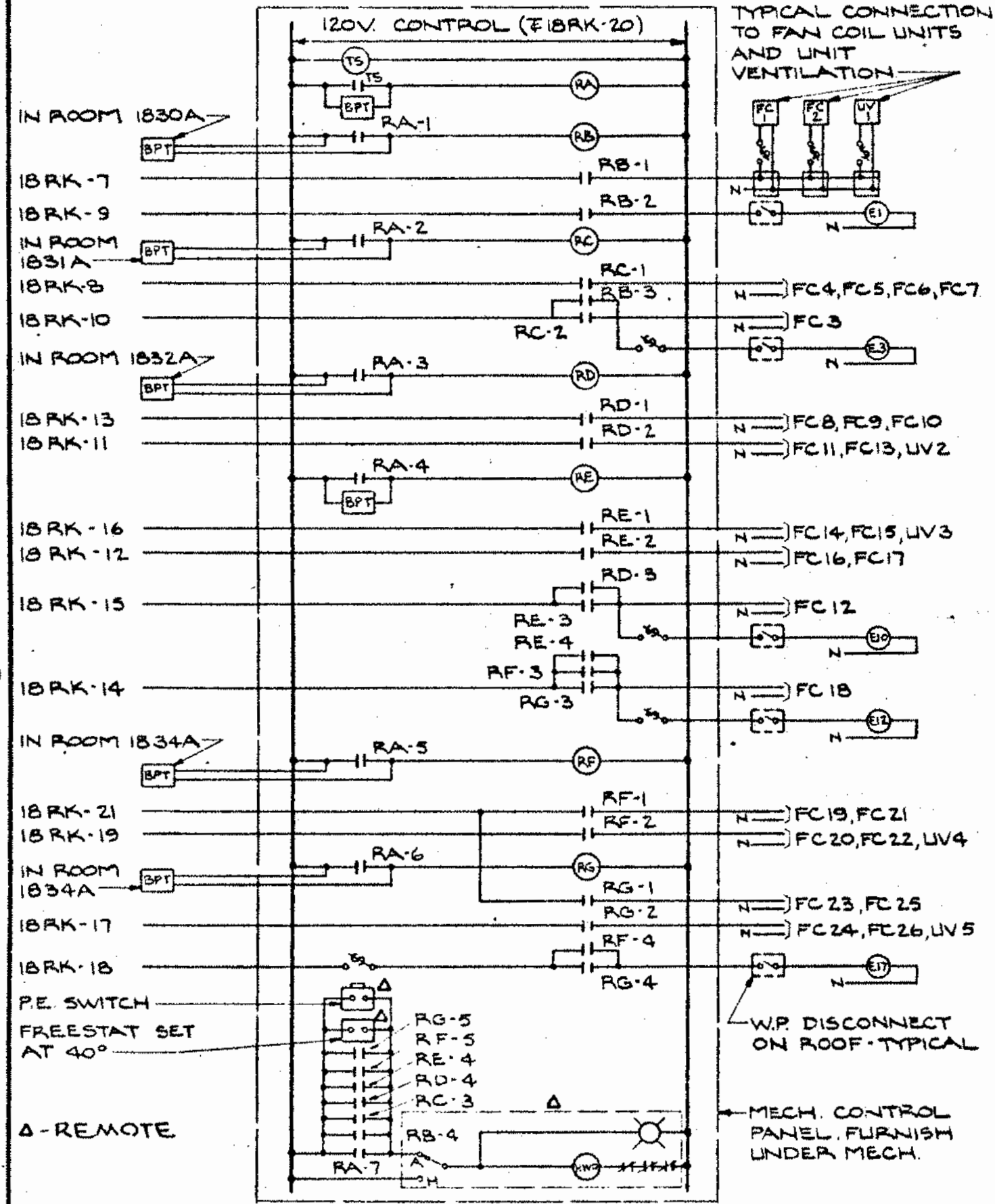
GROUP D13

DETAIL 6/ES



MOTOR CONTROL CENTER "B" CONTROL DIAGRAM

NOTE: ALL EQUIPMENT IN MOTOR CONTROL CENTER.



MECH. CONTROL DIAGRAM - BUILDING #1800A

BENTLEY ENGINEERS INC.

SOLANO COUNTY JR. COLLEGE JOB NO. 71-100

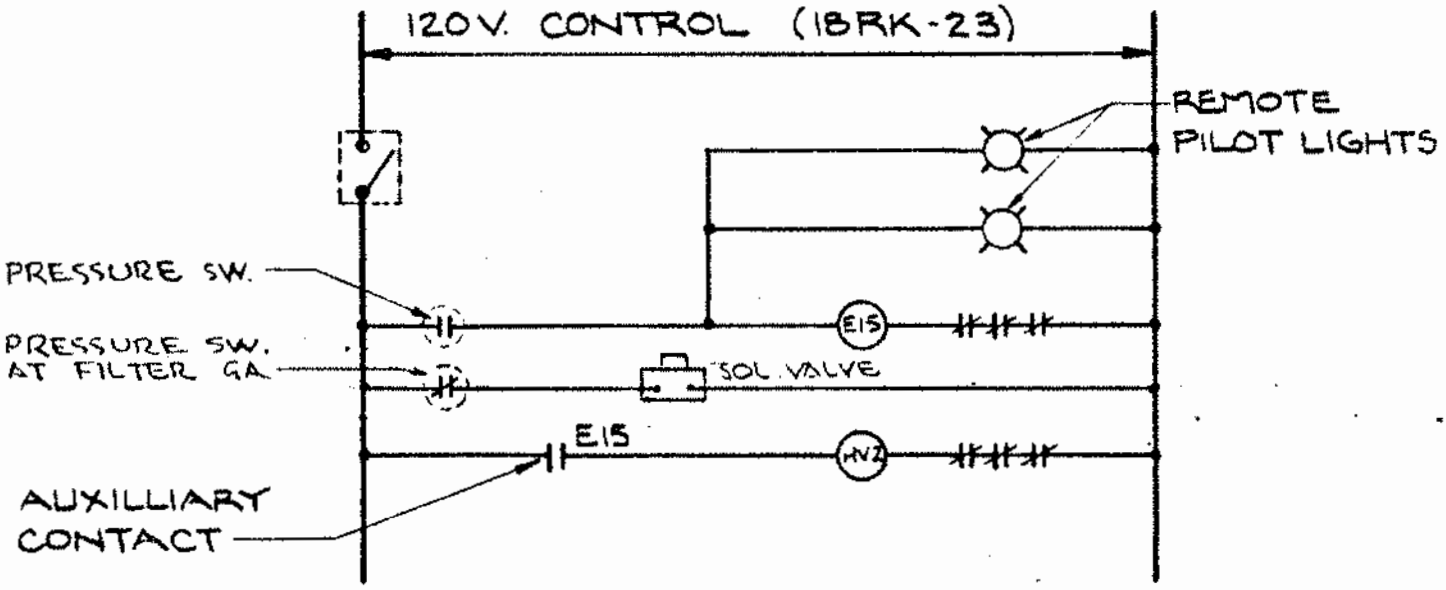
DEEP W. JOHNSON, POOLE, & STORER, ARCHITECTS

GROUP D

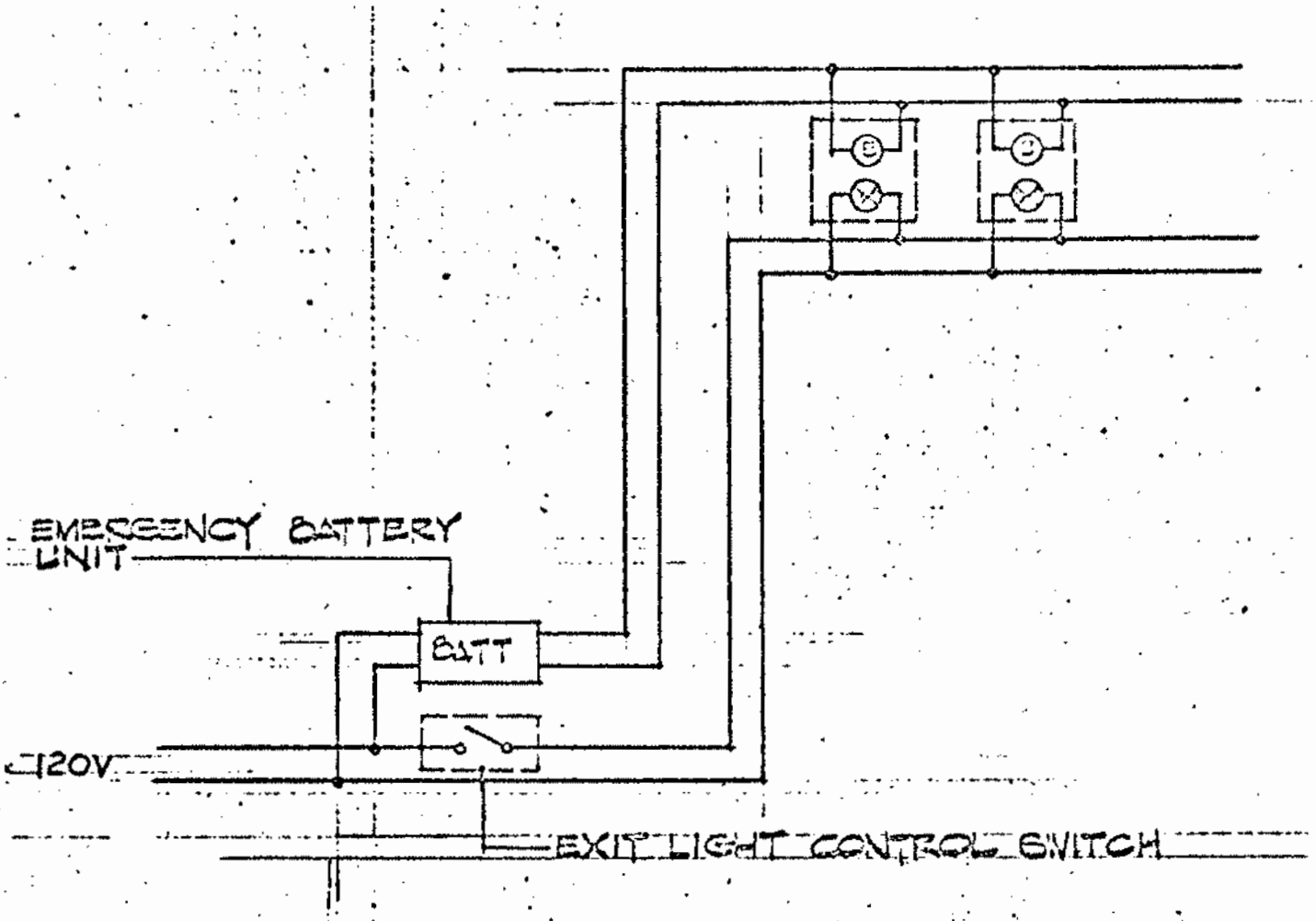
DETAIL 8/ES

SECTION 39 - ELECTRICAL

JOB



CONTROL FOR EXH. FAN E15 & HV-2



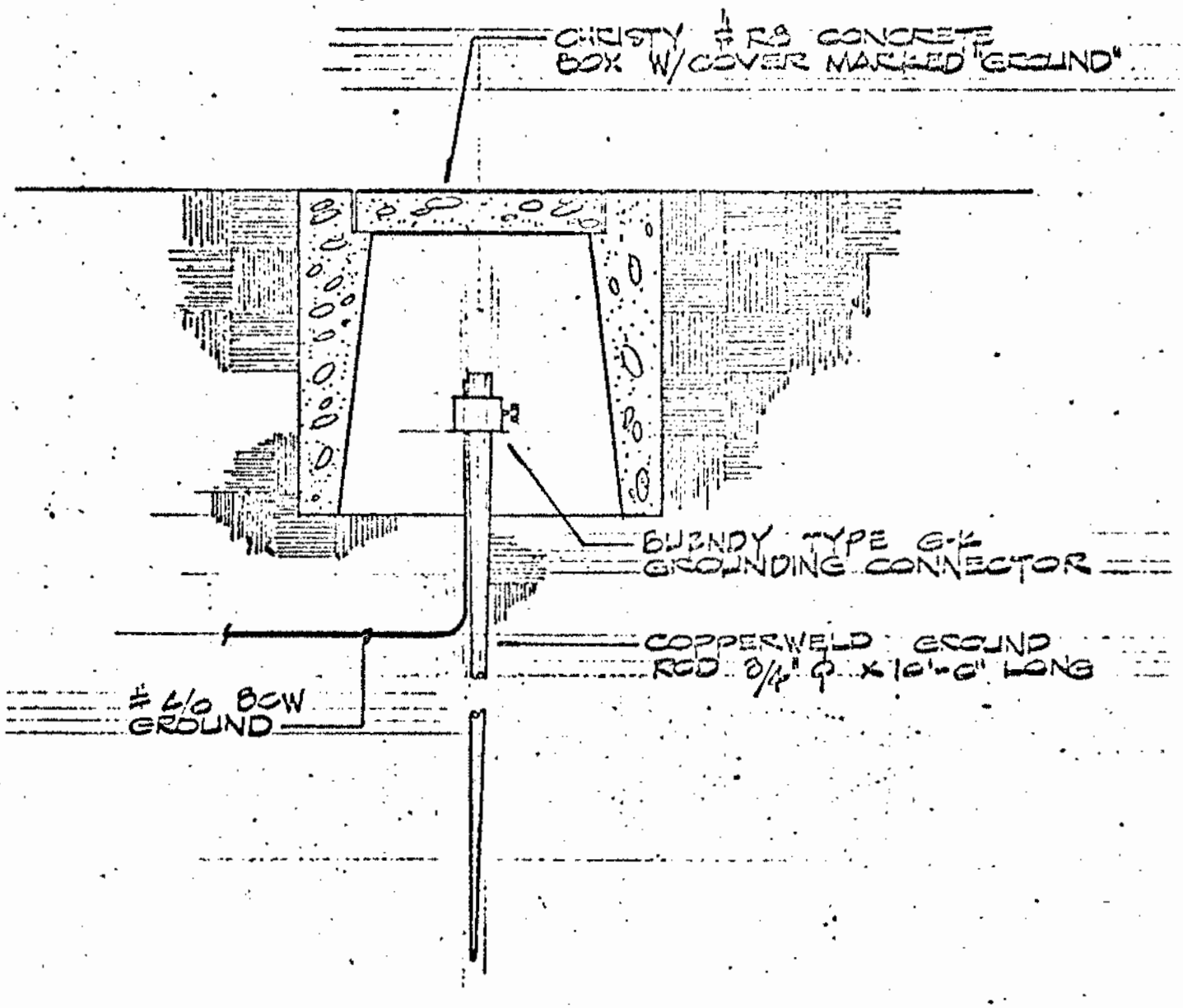
EXIT LIGHT CONTROL DIAG.

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100
DEEP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D13

DETAIL 10/ES

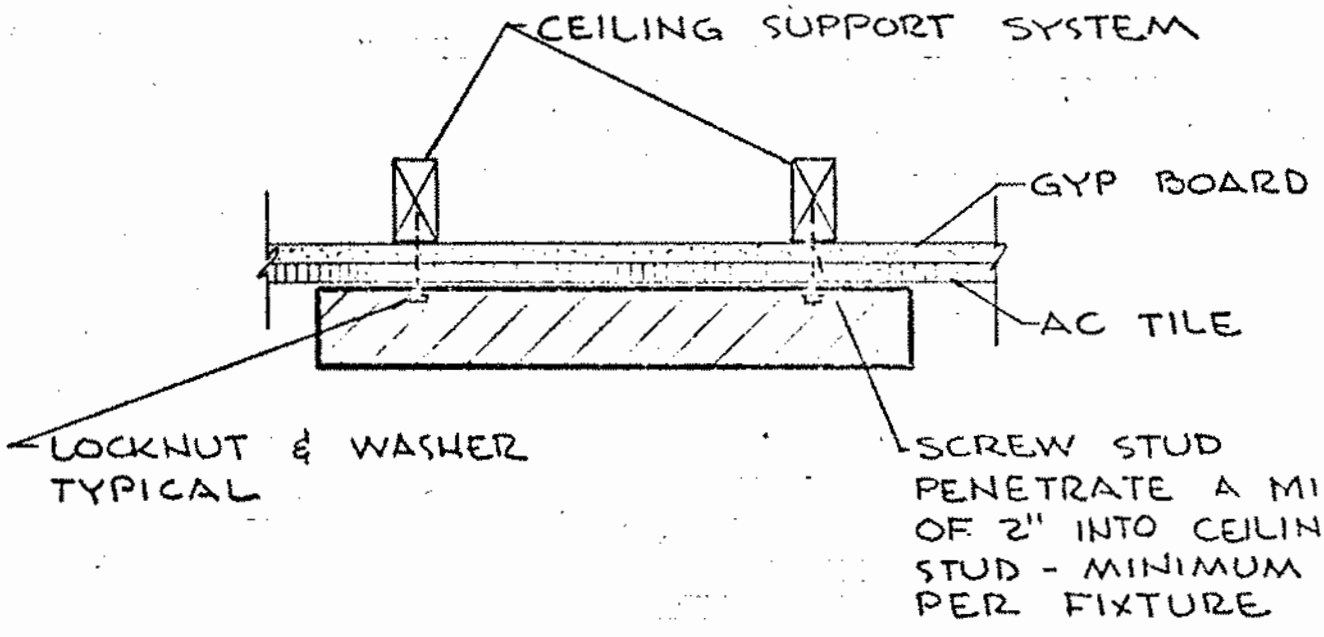
JOB



GROUND WELL DETAIL

NOT TO SCALE

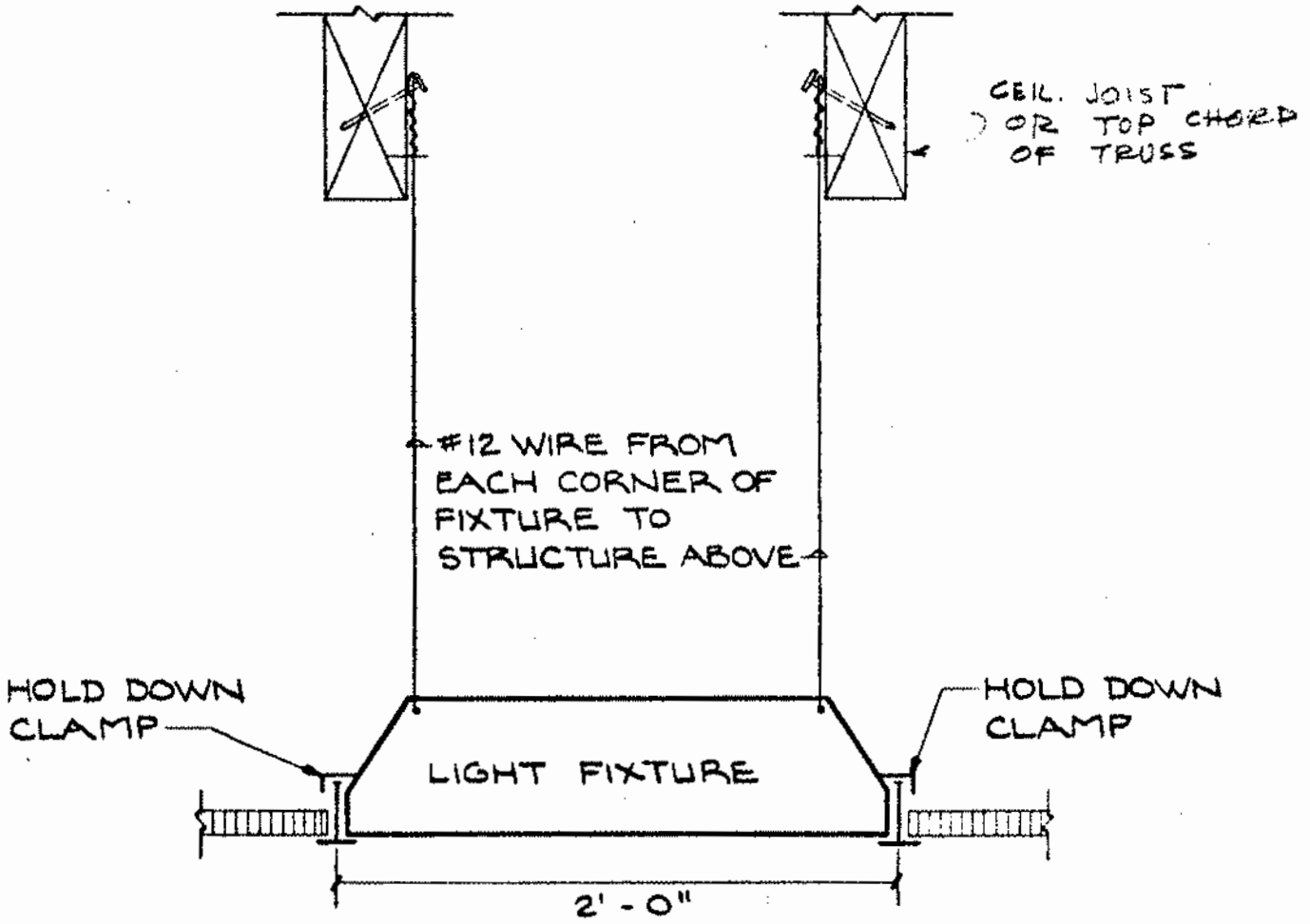
BENTLEY ENGINEERS INC. SOLANO COUNTY JR. COLLEGE JOB NO. 71-100 DELP W. JOHNSON, POOLE, & STORER, ARCHITECTS	GROUP D13	DETAIL 11 ES



TYPICAL MOUNTING DETAIL FOR SURFACE MOUNTED FLUORESCENT FIXTURES

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP	DETAIL
D13	12/ES

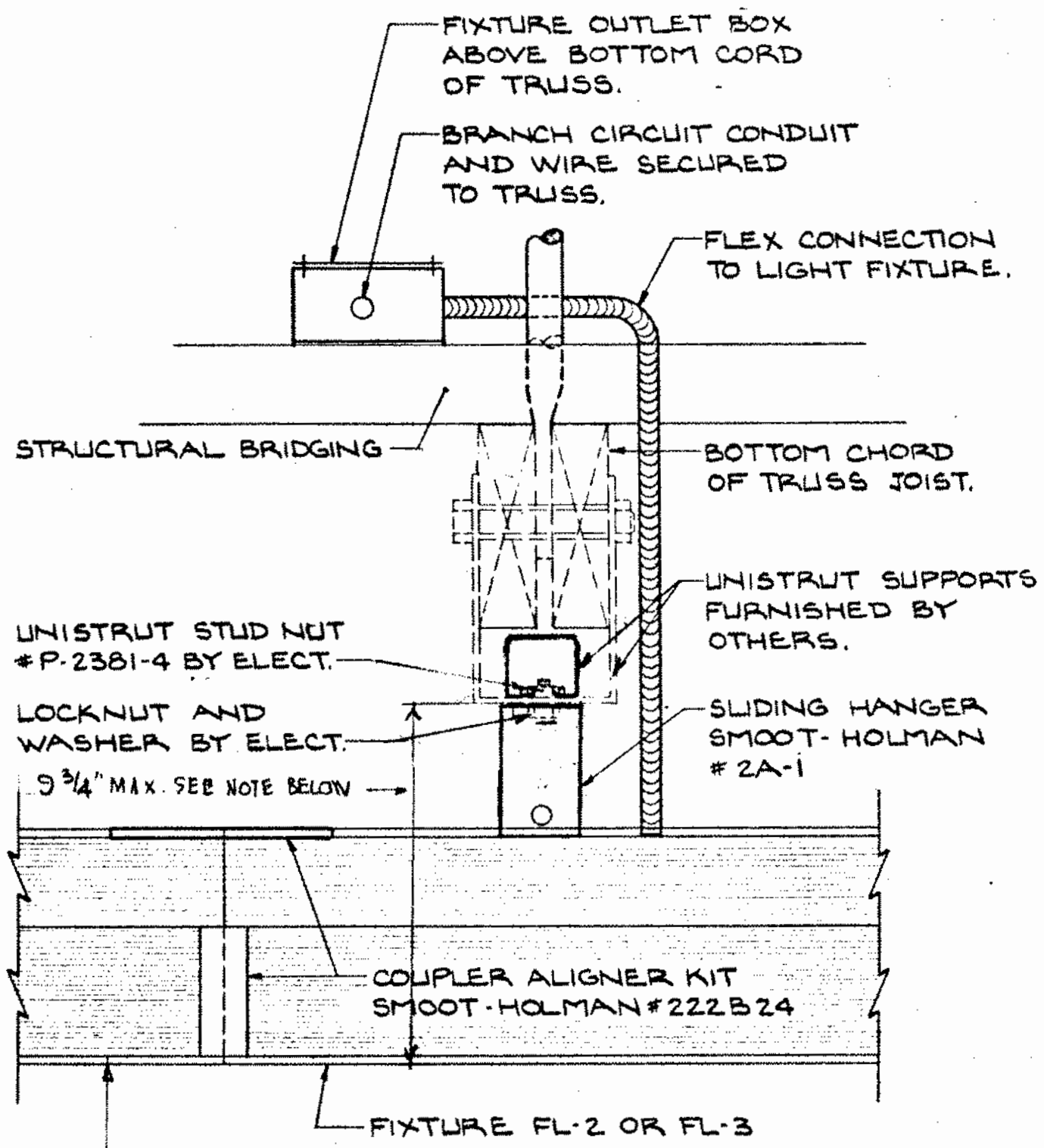


TYPICAL FLUORESCENT FIXTURE MOUNTING IN EXPOSED T-BAR CEILING

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS

GROUP D13

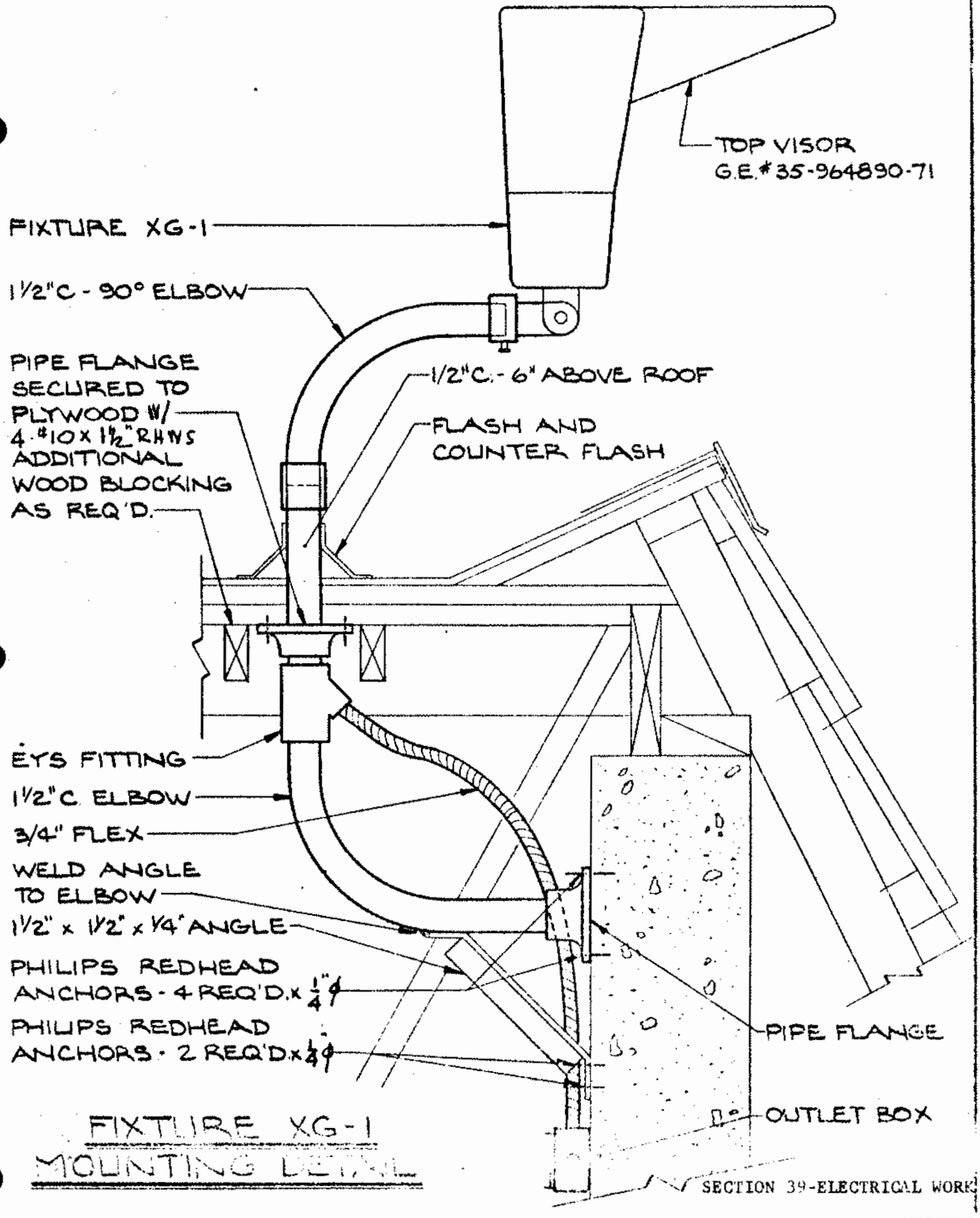
DETAIL 13/ES



NOTE
6'-6" HD. RM. REQ. MIN. AT MEZZ. AREA.

MOUNTING DETAIL FOR FIXTURE FL-2 & FL-3

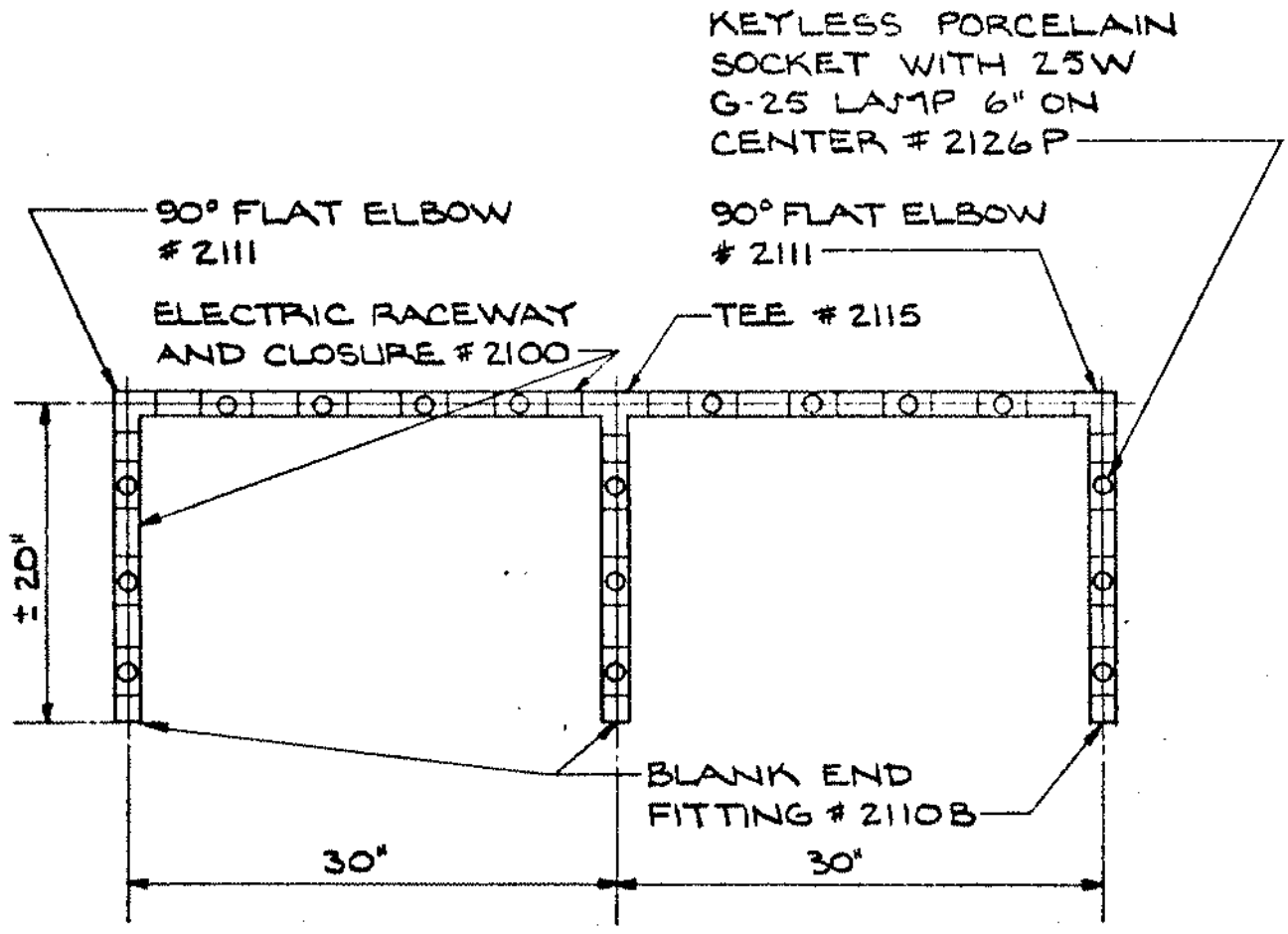
BENTLEY ENGINEERS INC.	GROUP	DETAIL
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100	D13	14 E5
DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS		



FIXTURE XG-1 MOUNTING DETAIL

SECTION 39-ELECTRICAL WORK

BENTLEY ENGINEERS INC.	GROUP	DETAIL
SOLANO COUNTY JR. COLLEGE JOB No. 71-100 DELP W. JOHNSON, POOLE & STORM, ARCHITECTS	D13	13/ES

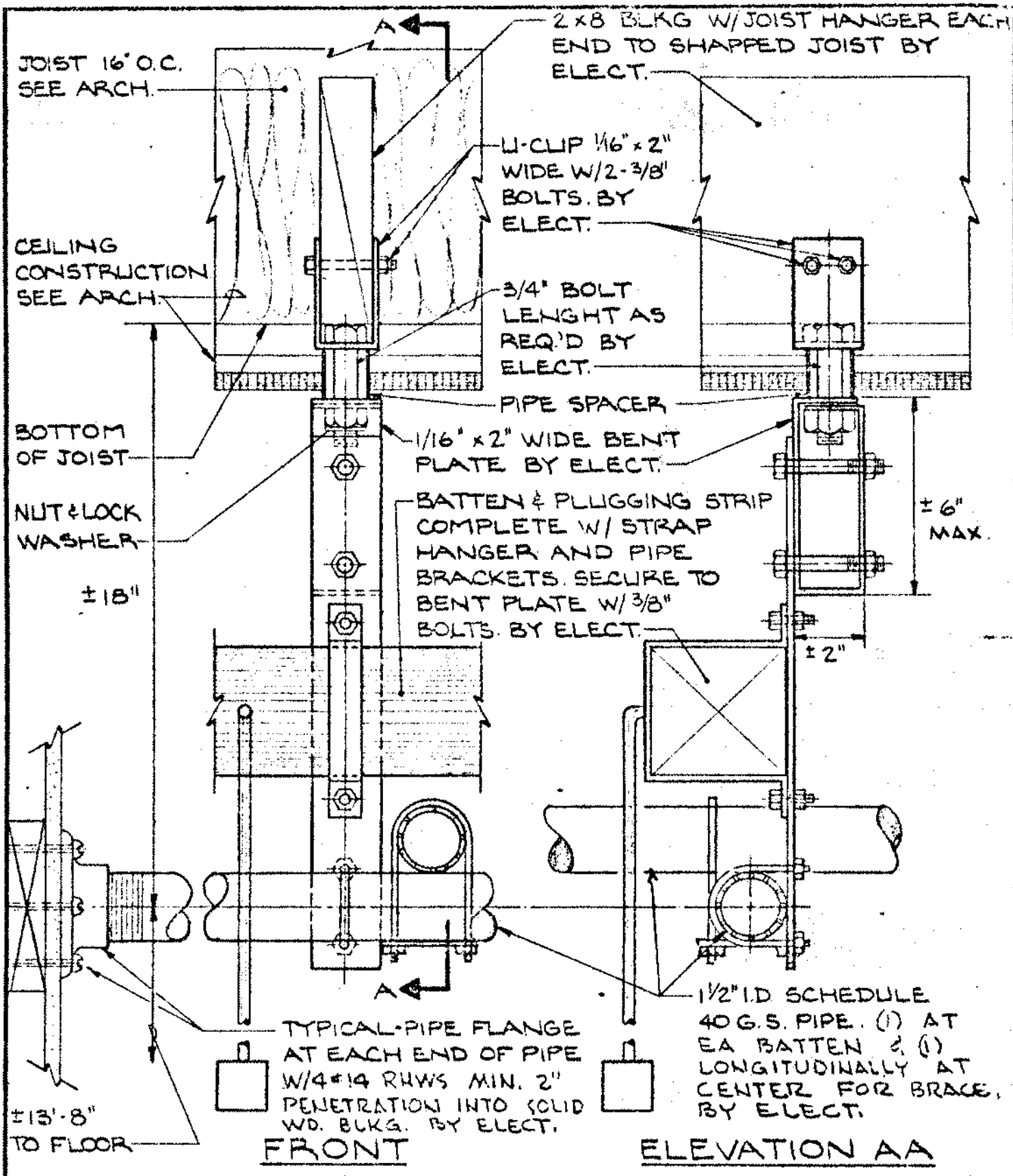


FIXTURE AD-1 DETAIL

NOT TO SCALE

NOTES: 1. ALL CATALOG NUMBERS ARE WIREMOLD.
2. REFER TO ARCHITECTURAL DETAIL 10/D8 FOR EXACT LOCATION OF FIXTURE.

BENTLEY ENGINEERS INC.	GROUP	DETAIL
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100	D13	16/ES
DELP W. JOHNSON, POOLE, & STORES, ARCHITECTS		

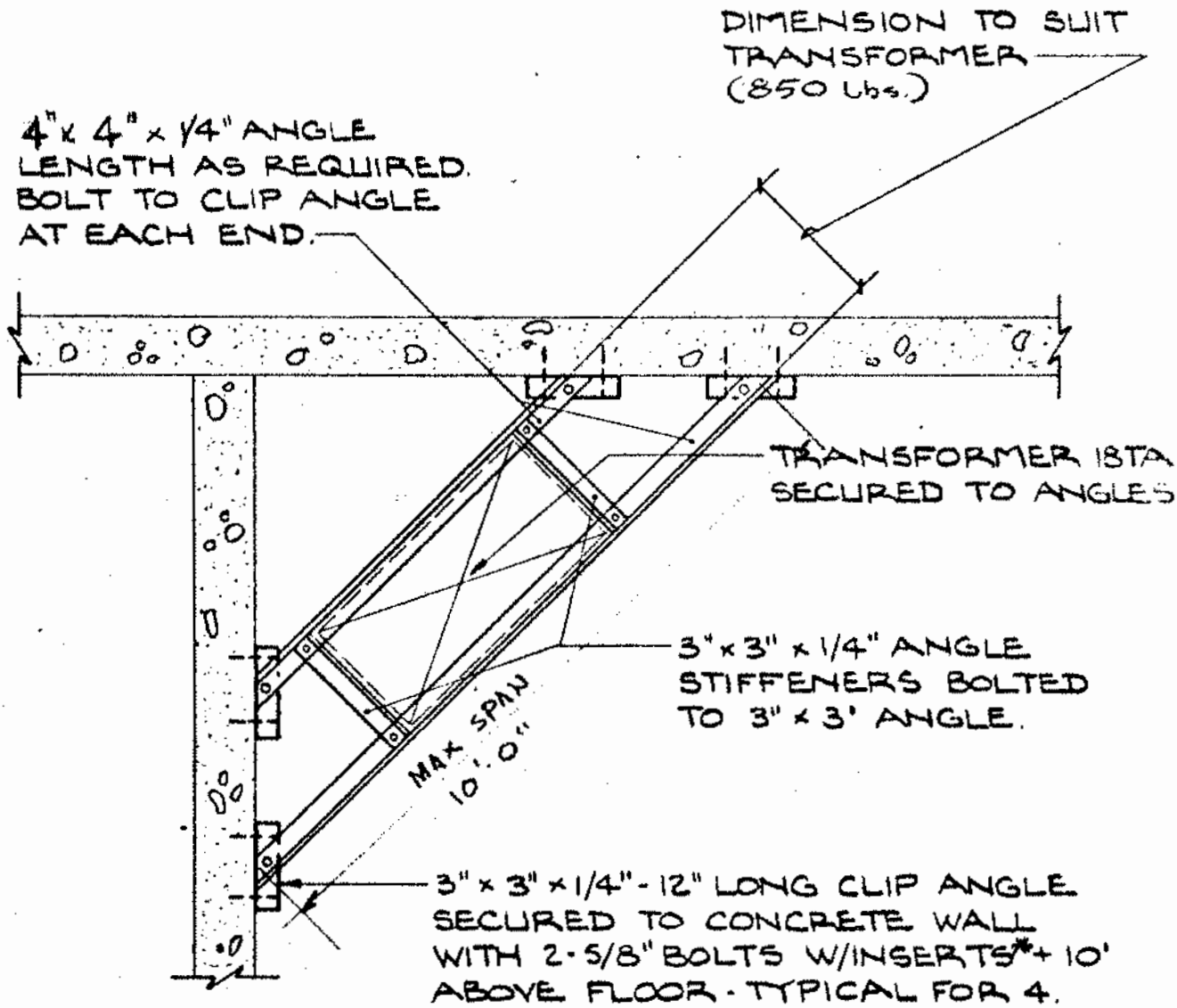


LIGHT GRID SUPPORT

ROOM #1824B

SECTION 39 - ELECTRICAL WORK

BENTLEY ENGINEERS INC. SOLANO COUNTY JR. COLLEGE JOB NO. 71-100 DELP W. JOHNSON, POOLE, & BYRNE, ARCHITECTS	GROUP D13	DETAIL 17 ES

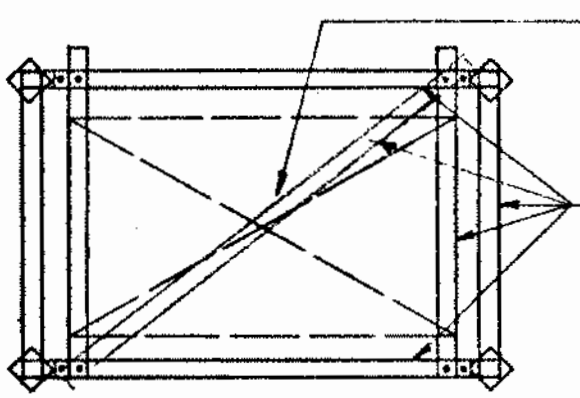


* SEE STRUCT DRAW SD-1

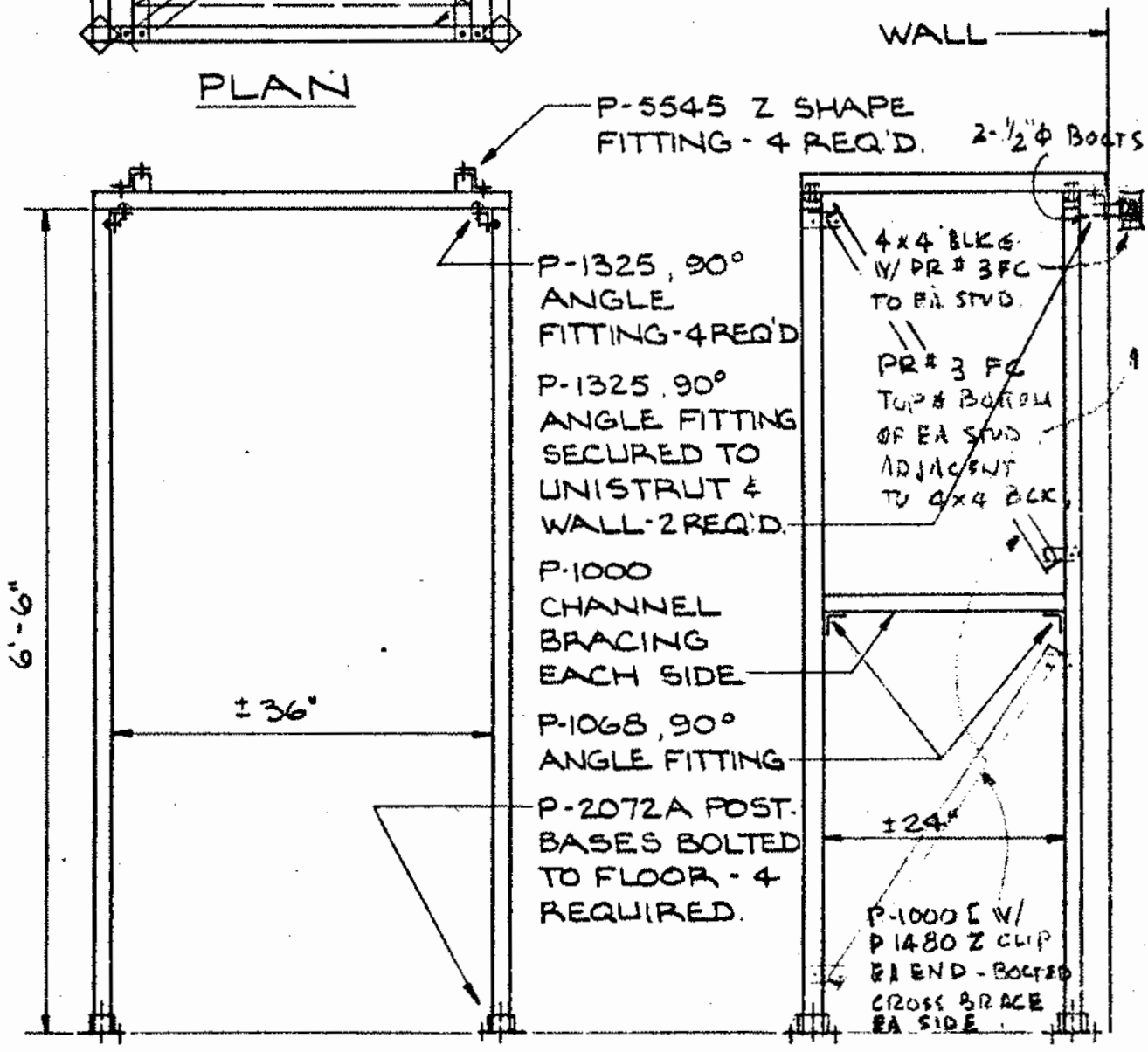
MOUNTING DETAIL FOR TRANSFORMER 18TA

SECTION 39 - ELECTRICAL WORK

BENTLEY ENGINEERS INC. SOLANO COUNTY JR. COLLEGE JOB NO. 71-100 DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D13	DETAIL 18/E5



PLAN



FRONT

SIDE

SEC. 39-ELEC.WORK

MOUNTING DETAIL FOR TRANSFORMER 18TB & 18TC

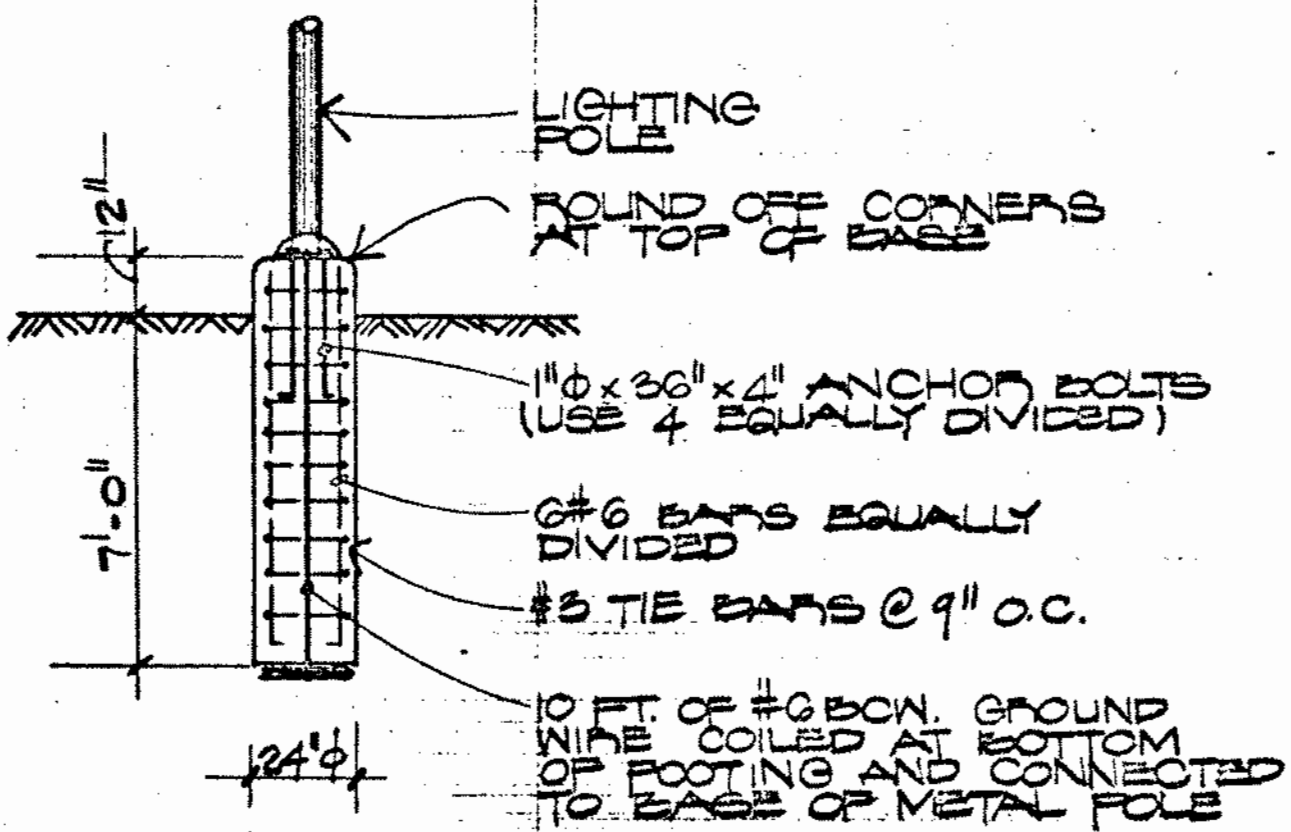
NOTES: 1. ALL [illegible] UNISTRUT

2. PROVIDE ALL NUTS, WASHERS, BOLTS AND ADDITIONAL FITTINGS REQUIRED.

BENTLEY ENGINEERS INC.
SOLANO COUNTY JR. COLLEGE JOB NO. 71-100
DELP W. JOHNSON, POOLE, & BYORTH, ARCHITECTS

GROUP D13

DETAIL 19/ES



TYPICAL POLE BASE DETAIL

NO SCALE

SECTION 39 - ELECTRICAL WORK

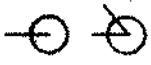
BENTLEY ENGINEERS INC. SOLANO COUNTY JR. COLLEGE JOB NO. 71-100 DELP W. JOHNSON, POOLE, & STORM, ARCHITECTS	GROUP D 13	DETAIL 20/ES

SYMBOLS

FLUORESCENT FIXTURE AND OUTLET, CEILING.

INCANDESCENT FIXTURE AND OUTLET, CEILING.

EXIT LIGHT FIXTURE AND OUTLET, CEILING.


FLOOR OR SPOTLIGHT ASSEMBLY AND OUTLET.

INDICATES WALL MOUNTED FIXTURE AND OUTLET.

INDICATES RECESSED FIXTURE WITH OUTLET AND REQUIRED FLEX.

OUTLET ON NIGHT LIGHT CIRCUIT.

OUTLET ON EMERGENCY CIRCUIT.

EMERGENCY BATTERY UNIT AND MOUNTING ASSEMBLY, AND OUTLET.

FIXTURE IDENTIFICATION TAG.
LETTER INDICATES TYPE: NUMBER INDICATES NUMBER OF LAMPS AND WATTAGE.

SWITCH, ONE POLE, 15/20A, 120/277V, UP 52".

SWITCH, THREE WAY, 15/20A, 120/277V, UP 52".

SWITCH, KEYED, 15/20A, 120/277V, UP 52".

DUPLEX RECEPTACLE, 15A, 125V, 3PG, NEMA 5-15R, +12" UNLESS OTHERWISE NOTED.

20A, 250V, 4P, 4W RECEPTACLE.

20A, 250V, 4P, 3W RECEPTACLE + 12" UNLESS OTHERWISE NOTED.

50A, 250V, 4PG RECEPTACLE + 12" UNLESS OTHERWISE NOTED.

100A, 600V, 3PG RECEPTACLE CROUSE HINDS #AREA10394 W/APJ10365 CAP.

30A, 600V, 4PG RECEPTACLE CROUSE-HINDS #ARE 3422 W/APJ 3463 CAP.

60A, 600V, 4PG RECEPTACLE CROUSE-HINDS #ARE 6424- W/APJ 6463 CAP.

D13 (A / ES)

100A,600V, 4PG RECEPTACLE CROUSE-HINDS #AREA 10425 W/APJ 10465 CAP.

JUNCTION BOX OR OUTLET BOX W/BLANK COVER, CEILING, WALL.

30A METAL PLUG-IN STRIP 30A SEE SPECIFICATIONS.

METAL PLUG-IN STRIP WITH J.B. AND RECEPTACLE ASSEMBLY. SEE SPECIFICATIONS.

UNDERFLOOR DUCT SYSTEM ASSEMBLY AND SERVICE FITTINGS. REFER TO FOLLOWING SCHEDULE:

A — POWER SERVICE FTG WITH 15A, 125V, 3PG DUPLEX.

— POWER CONNECTION TO EQUIPMENT.

GROUND WELL.

TELEPHONE WALL OUTLET WITH ONE-HOLE COVER.

CONDUIT STUB-UP WITH CAST -J- BOX - HEIGHT AS NOTED ON DRAWINGS.

C.O. CONDUIT ONLY.

CONDUIT UP.

CONDUIT DOWN.

W.P. WEATHERPROOF.

X.P. EXPLOSION-PROOF.

——C—— CLOCK SYSTEM CONDUIT AND WIRING, 1/2" C., 2 #14, UNLESS NOTED.

——F—— FIRE ALARM SYSTEM CONDUIT AND WIRING.

——S—— SOUND SYSTEM CONDUIT AND WIRING (3/4" C MINIMUM). ■ 1 #8422 ▫ 1 #8486

——TV—— TELEVISION ANTENNA SYSTEM CONDUIT AND WIRE, 1"C MIN. ○ 1 #8724

(•) 8215 (RG 6 A/U)

(/) 8740

(/) 8212 (RG59/U)

D13 B/ES

—T—	TELEPHONE SYSTEM CONDUIT ONLY (3/4"C MINIMUM)
—E—	EMERGENCY POWER BRANCH CIRCUIT WIRING AND CONDUIT.
—C—	HOME RUN TO CLOCK SYSTEM TERMINAL CABINET. TYPICAL ALSO FOR: F = FIRE ALARM; T = TELEPHONE, ETC.
—M—	MICROPHONE SYSTEM CONDUIT AND WIRE.
—S—	SPEAKER SYSTEM CONDUIT AND WIRE.
———	BRANCH CONDUIT WIRING IN CONDUIT CONCEALED IN CEILING OR WALLS.
- - - - -	BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED UNDERGROUND OR IN FLOORS.
- - - - -	BRANCH CIRCUIT WIRING IN CONDUIT - EXPOSED.
———	HOME RUN TO PANEL - MINIMUM 1/2"C., 2 #12, UNLESS NOTED.
///#8	HOME RUN TO PANEL OTHER THAN 1/2"C, 2 #12. CROSS LINES INDICATE NUMBER OF WIRE. NUMBER INDICATES SIZE.
—G—	BARE COPPER GROUND WIRE, #4/0 OR AS NOTED.
(M)	MOTOR OUTLET W/COMPLETE CONNECTION TO MOTOR AND CONTROLS.
	DISCONNECT SWITCH.
	MAGNETIC STARTER.
S_T	MANUAL STARTER WITH THERMAL O. L. PROTECTION.
S^P_T	MANUAL STARTER WITH PILOT LIGHT AND THERMAL O. L. PROTECTION.
	COMBINATION THERMOSTAT AND 3-SPEED SWITCH FURNISHED UNDER MECH. INSTALLED BY ELECT.
	PUSHBUTTON-MOMENTARY, START-STOP.
	CONTROL DEVICE - SEE FOLLOWING DESCRIPTIONS:
	PE = PNEUMATIC ELECTRIC SWITCH
	SV = SOLENOID VALVE

D13 C/ES

T	TRANSFORMER.
	277/480V. PANEL.
	120/208V. PANEL.
MCC	MOTOR CONTROL CENTER.
	TERMINAL CABINET AS DESCRIBED.
	SYSTEMS TERMINAL CABINET.
C	PROGRAM CLOCK, SINGLE FACE.
	FIRE ALARM STATION.
	FIRE ALARM HORN.
F	FLOW ALARM OUTLET (AND CONNECTION).
S	WALL SPEAKER, BACK BOX AND GRILLE. See SPECIFICATIONS.
M	MICROPHONE & AUDIO INPUT-OUTPUT & WALL OUTLET IN 2-GANG BOX SEE SPECIFICATIONS.
TV	TELEVISION ANTENNA SYSTEM OUTLET IN 4-11/16" SQ. BOX WITH 2-GANG COVER PLATE TO RECEIVE CONNECTIONS CALLED FOR IN SPECIFICATIONS.
TVC	TV SYSTEM CAMERA OUTLET AND CONTROL ASSEMBLY - 3 GANG BOX W/COVER PLATE TO RECEIVE TOGGLE SWITCH AND CONNECTIONS CALLED FOR IN SPECIFICATIONS.
R	RECORDING INPUT JACK.

D13 D/ES